

Alternative thoughts

HOOP ter ZEE's COLUMN

Yo, CLIMAXERS all over Europe *** A happy Christmas in the first place and a happy new year *** I think it's the intention of the EDITOR to MAIL THE MAG round XMAS *** So big fun after the TURKEY and before the FIREWORKS ** But as you as a READER read this, we as a WRITER have STILL to do some recordings at Verbruggens good 'ol ATTIC *** Do ya dig? ** ** I can warn you already that I will NOT bring any CHRISTMAS records except maybe Once upon a long ago from PAUL ** I am getting a little bit SPUUGZAT of all those records, and it's getting WORSE every year! ** Everybody has to RADIATE the "spirit of Christmas" via their records ** ANTI-CLIMAX BABY *** You know those weak songs with little children singing about UNITING EUROPE, GOT TO BE STRONG AND PEACE ON EARTH **** We in HOLLAND have ANNIE SCHILDER, LEE TOWERS and ANITA MEYER singing by the SEESIDE with a CHAIN in their HANDS *** Try your THROAT lov' and try to BREAK FREE *** At the end of the year everybody seems to get an enormous feeling of GUILT ** or WHAT? ** What the HELL will happen when we DO have peace on earth? ** But tomorrow when we'll record our XMAS BROADCAST (that's for US tomorrow but when you read this it WON'T be tomorrow etc.) also some video-shooting will be done ** We told you some months ago about a new video ** It seems the BLOODY TAPE will come out SOMEWHERE in 1991. ** It will cover a wide range of FREAKY SW activities ** It (super) sound & vision directed by ME ** Dig my HARD comments on the last video in the DEFINITIVE ** That's how WE call it it around here, the documentary ** This brings me to another FUNNY F.R.S.H. TOPPIC ** If you look carefully you can see that we DO seem to tend to copy some things from each other ** That's why we DO try to not DO so! ** Do you see what I DO mean?? ** I thought I DID have a toppic on the O F F S H O R E scene: All the fellas from Caroline have been removed from the ship ** Seems they rather spent their Christmas with MUM ?? ** But I never can have a SCOOP in this column; all those reporters listening all day and all of the night to the BANDS ** So I WON'T try to do anything in this FIELD ** But I did something special on the VALREEP of 1990! ** I FOREWARDED my very F I R S T reception report to a station!! ** I gave my first SINPO code EVER ** The lucky station was ATLANTA ** They are rather HIMMLISCH now ** Thanks to my special-constructed LONG WIRE; and when I say longwire I mean OUTDOORS bubba! ** Hanging mucho CLOTHLINES above the ground!! ** So watch it you people in SW land ** Mark those eyes from g.o. Verbruggen; full of ENVY ** Now, of course things are treated a little ALTERNATIVE ** If YOU as a sw station want ME to receive ya, you'll have to send ME a R.F.R.-report, that's a REQUEST FOR RECEPTION -REPORT. ** Just ask me to receive your station and I'll listen on the requested date & time (please give a alternative time also) *** Then, after a successful reception I'll send you my CONFIRMATION-REPORT *** This is much HONOUR and this C.R. will be a HOT item in SW-LAND ** But that's next year ** GUTEN RUTSCH and take care,

Hooper ter Zee

THE magazine for free radio enthusiasts.....

« FRS * GOES * DX »

Volume 7

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FRS-HOLLAND SPECIAL QSL
Sunday October 21st 1990 «10th Birthday Broadcast»

TO _____
TIME _____
FREQ ☐ 6275 ☐ 6290 ☐ 7290 ☐ 7490 ☐ 9985
SINPO _____
POWER 120w 20w 40w 90w 40w

⊕ FRS-Holland,
The Quality One on S.W.

FRS GOES DX INFO

COLOPHON

'FRS GOES DX' is a monthly magazine which informs about radio in general and free radio in particular. It is a publication of FRS-Holland, an independent short wave station.

SUBSCRIPTIONS

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ADVERTISING

For full or half page advertisements please contact the editor. Small ads: non-commercial adverts are free for members. Commercial adverts (small) cost DM 3.00 / £ 1.00 / f 3,- / 3 irc's / US\$ 2.00 .

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DEADLINE FOR CONTRIBUTIONS: March 30th.

RENEWAL OF SUBSCRIPTION

☐ This is your last issue on account of your current subscription. You are kindly asked to send your renewal without delay in order to be assured of receiving the next issue.

EDITORIAL

A big welcome in the very first 'FRS Goes DX' issue of 1991! For most of our faithful readers it must be reassuring to know they did not miss any issue. The last issue was 101/102 being published in mid December of last year. The past few months were very hard and it is of no use to list the facts why this issue did not come out earlier. The only thing I can say is that this issue proves that 'FRS Goes DX' still is very much alive. We'd like to apologize for the inconvenience to all of our readers. Believe me, this issue was some undertaking.... Blood, sweat & tears. But we finally made it with more than 40 pages, the thickest issue ever being published in the almost 9 year history of 'FRS Goes DX'. It is frustrating to know that certain people who promised to help us didn't keep their promise. It's even more frustrating and annoying that a number of persons didn't reply after receiving a letter from us in which we kindly asked a few simple questions. On the other hand it's good to know that others are really giving a helping hand. That's the reason we are able to list those very detailed SW loggings. Already several readers paid for the next 12 months but were apparently not aware of the fact the price for an annual subscription has been raised and now is DM 25,-/ £ 8.00/ f 25,-. Read page 7 of issue 101/102 and you'll find out. It's always important to read this editorial and the FRS Newscorner column to keep yourself informed about such changes. For correct info please read the renewed colophon. 73's, till next Sunday ! 73!

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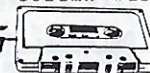


«FRS Newscorner»

Lots of things happened in the past 2½ months. Peace was (is) the word in the world when looking at the Gulf War. In the past 10 years all FRS-Holland broadcasts signed on with 'Peace' from Peter. Now, in 1991, this record has been re-released after the allied forces ceased fire. The chance for those of you who are eager to acquire this record. Who could imagine that a Gulf War was causing this re-release? And the special thing is that 'Peace' is available in a CD version. If there are readers who are interested to obtain 'Peace' and who can't buy it in their local shops (I don't know in how many countries the record has been re-released) feel free to drop us a line and enclose DM 17.50/ £ 5.50 (incl. P+P). Then we'll be sending you the CD version. As we do not know the exact price of the CD single, it could be that the price will be slightly less. If so, we'll return part of your money.

Referring to the editorial: those of you who paid DM 21.50 in December or January will find a little reminder in this magazine. Talking about the contents: the months of December, January and February (partly) are covered as far as the offshore and SW news is concerned. As promised promised part 2 of the Sky radio feature and part 3 of the big and interesting Mark Stafford Interview. Quite a number of FRS listeners- at the same time readers of this magazine- asked us to publish the results of that memorable 10th Birthday trm October 21st 1990. To meet your wishes we have compiled a few lists showing how reception was on the various frequencies and where all the reports came from. Gerd did a wonderful job sorting out all those letters, and he used them to compile a lengthy and very interesting Mailbox 2727 column. More than worth while to read. Although Joop ter Zee's column was already written before X-mas, we feel there is no reason to leave it out this issue. Mark you: a happy X-Mas and a happy New Year are already meant for coming December. And now some good news for FRS listeners: next Sunday there will be a 3 hour trm, most probably on 7290 kHz in the 41 mb. Sign on is at 09.54 CET. Next month some more info with regard to the future of FRSH as far as broadcasts are concerned. FRSH will continue!! Contributions for the next issue are more than welcome !

FRS SALES PRODUCTIONS

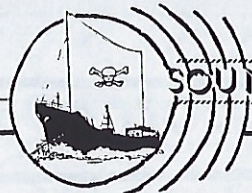


SPECIAL OFFERS VALID UNTIL MARCH 31st

RADIO MI AMIGO GOES BACK IN THE HISTORY OF RADIO PART 3/4/5. PART 3 IS ALL ABOUT RADIO LONDON WITH JINGLES, PROGRAMME EXTRACTS, AN UNIQUE PROMO-TAPE FOR ADVERTISERS AND AN INTVIEW WITH PHILIP BIRCH. PART 4 CONTAINS THE STORY OF RADIO ANTWERP AND PART 5 CONTAINS TUNES & JINGLES FROM SEVERAL OFFSHORE STATIONS. THIS C-90 IN GOOD QUALITY COSTS DM 8.50/£ 2.70

PIRATE MEMORIES. 90 MINUTES TUNES & JINGLES FROM RADIO ATLANTIS, RADIO PARADIS & RADIO CAROLINE. ALL IN PERFECT QUALITY. ALSO EXTRACTS OF THE PARADIJS COURT-CASE. PRICE: DM 10 / £ 3.10 .

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SOUNDS FROM OFFSHORE

In the last bumper edition of 'FRS Goes DX'-already being published in December- it was al-

ready stated that Caroline's future was in the balance. In a 7 pages special offshore report Herbert Visser disclosed all the facts about the negotiations between the Carolineorganisation and the British DTI, in which by the way he himself also played a very important role as an intermediary. In that exclusive article- specially written to be published in 'FRS Goes DX'- several facts, which were unknown at the moment of publication, were explained. Early December Caroline's future was discussed in London by Ronan O'Rahilly, Peter Moore & Herbert Visser. Because of the new British Broadcasting Bill it was quite obvious that because of that law Caroline was put in a very awkward position. At the moment those talks took place it was already decided that Caroline would be leaving the airwaves on a voluntary basis December 31st 1990. It was the plan to have the station back on 819 kHz before X-Mas. Mon Nov. 5th- almost 4½ months ago!- the station didn't sign on because of technical problems with the PA transmitter valves. There also were fuel problems and the financial position was very bad (and still is). Because this already happened a few times most listeners were thinking that in one or another way Caroline would be returning to the airwaves before X-Mas. But in the mean time it has become clear that Caroline's November 4th trms could have been the very last emanating from the MV Ross Revenge. At the end of 1990 nobody could imagine that on that day perhaps the last sounds were radiated from the Northsea. Unworthy end of 26 years of broadcasting history from the high seas? The legend doesn't live on anymore. The following info covers the period Dec. 10- Febr. 10.

Monday December 10th: at 09.30 PM English time 3 people who were on the Ross, were taken from the ship by a helicopter. The weather circumstances were very bad at that moment. Caroline Martin, female Caroline deejay was one of the three and she contacted the coastguard with the request to take herself and the two other persons (Rico & Chris Adams) off the ship. The coastguard refused because there was no talk of immediate danger of life. Via the communications equipment on the Ross a frantic attempt was made to get off the ship. The circumstances on the radioship were horrendous: (almost) no water, no food and no fuel. The three had to survive in the middle of the Northsea under disgraceful conditions. They were left to fend for themselves. Rico and Caroline Martin were on the Ross since October. At the moment the Royal Airforce helicopter took the three off the ship, the Ross was unmanned... According to a major Dutch newspaper, the ship was a danger for the shipping traffic in the South Falls Head because of a poor lightning system. An emergency lightning should have been installed by British authorities but the latter report cannot be confirmed.

Peter Moore's comment was that the three persons had safely reached the shore and there were more than enough volunteers prepared to go to the Ross to recommence Carolinetrms.

December 12th: Peter Chicago did an attempt to climb aboard the unmanned ship. He was accompanied by a man- let's call him Dave- who supplied the Caroline ship with his own...

offshore news

«FRS GOES DX» THE MAGAZINE FOR FREE RADIO ENTHUSIASTS

...boat. Chicago's attempt wasn't succesful and he had to return empty-handed. His aim was to get vital equipment on the Ross and at the same time he wanted to guard the ship thus making it impossible for others to get onship. By the way: Chicago bruised his wrist during his unsuccessful attempt.

Thursday December 13th: Peter Chicago contacted the DTI (!) and asked for permission to supply the Ross Revenge with food, water, fuel oil and equipment badly needed to carry out repairs on the Ross Revenge. The DTI agreed provided Peter gave his word that there wouldn't be made any broadcasts from the radiovessel. Peter did give his word and so it happened that a legal tendering took place. Peter Chicago set foot on the unmanned ship and in the strict sense of the word he became the owner. There also was talk of the fact the DTI would be confiscating vital transmitting parts from the Ross after January 1st 1991 but whether this is true remains to be seen. It is no secret that the Caroline tx is fully operational and the only thing which needs to be done is tuning up the tx. Peter Chicago has been carrying out repairs and made sure that people are able to live on the ship under good living conditions. One of the major problems was to repair the generator.

Friday December 14th: According to one of our correspondents the Voice of Peace has started up SW trms on 6370 kHz. So now and then a very weak signal is to be picked up on 3078, the first harmonic of 1539 kHz, the Am frequency. Former Caroline deejay Kevin Blackwho used to present a very popular breakfastshow on the legendary New Zealand station Radio Hauraki, moved to a big rival, 89FM in Auckland. Hauraki owed much of its success to the enormous popularity of Kevin Black. In the mean time a large number of Hauraki listeners tune in to.... 89FM !!

A letter from the Pan American Broadcasting learned that it's almost certain that the religious broadcasters won't return on Caroline. What does it matter knowing that Caroline is off air and the station's perspective is very gloomy. The rates to lease airtime on satellite station Radio Nova are too high, Nova quoted prices for the PAN organisation.

Thursday December 20th: a number of persons were under the impression that the DTI would not undertake any action against the Ross Revenge provided the trms would be resumed after January 1st 1991. Reason is an international law which isn't corresponding with the decisions in the new Broadcasting Act. A first lawsuit with regard to the raid on the Ross in August 1989 will take place early 1991. One of the Caroline jocks has instituted legal proceedings against the DTI. This is a kind of testcase for a number of his colleagues who will await an eventual positive result for the deejay in question, Neil Gates.

Friday December 21st: Richard Butler has given the Caroline organisation the adviseto leave the airwaves before January 1st 1991 provided no new flagcountry has been found (to register the Ross) But according to the new law it doesn't matter which flag is fluttering on the Ross: the British authorities can always foot on any ship. We'll await future developments.

offshore news

Who's remembering the 'plans' to bring back Radio London from the high seas in the 1980's ? Now the idea is to start short wave trms via WWCW. WWCW is already relaying Radio Free New York on 7520 every Monday morning. Power is 100 Kw. Judging by the happenings in the past, this plan is also bound to fall through. On the other hand: it isn't too difficult to start a new station under the name of radio London. Question: what's the link with the 1960's Radio London from the MV Galaxy....?

Saturday December 22nd: already in one of the previous issues we informed you about the existence of Caroline UK Ltd. Goal of this organisation is to obtain a broadcasting licence in the UK. The organisation has been founded by a number of people closely involved with the Caroline Movement. Keyfigure is John Burch and in case Caroline has to suspend definitively its offshore adventure, Caroline UK ltd. is aiming to continue on land on a fully legal basis. It is not 100% clear what the people from the Caroline offshore organisation think of this initiative. Fact is there have been tensions between a number of persons involved in both parties.

Wednesday January 9th: some Dutch newspapers published that Caroline is planning to offer free airtime to a country which will launch a 3rd world service. Idea is to use a SW tx for this purpose. Caroline hopes to obtain a free broadcasting licence from this particular country and expects to be protected from problems with English authorities. By the way: take these newspaper reports with a pinch of salt....

Saturday January 12th: news about the former Veronica ship Norderney: the ship is lying in Maastricht in the south of The Netherlands. Because the quay where the ship is lying has to be rebuilt, the ship has to move. The licence to run the discotheque which is on the ship is overdue. A spokesman of the town council of Maastricht stated that there is a chance in future the ship could have a place at the Maaskade.

Monday January 14th: the first stories appeared in a handful of Dutch newspapers about an organisation called Radio Free Lithuanian which should have plans to start a radiostation from Poland targeted on the Soviet republic of Lithuania. The pxs would be a support for the people who are supporting the plan of the Lithuanian government to break away from the Soviet Union.

Tuesday January 15th: new stories appeared in Dutch papers. The committee has had talks with the Polish ambassador to get permission to transmit from Polish soil. Ofcourse the Polish authorities didn't want to be concerned with such a delicate political matter and as a result there was a plan to use a radio-ship. It was even stated there was already a vessel which should be registered in Cyprus. The ship is owned by a shipping trade company called 'Osst Atlantic' in Rotterdam. The ship would have to be converted into a radiovessel. However: a spokesman from the Rotterdam company denied the committee had chartered a ship from them. His comments: "they've asked us to see if there's any ship not flying an ECC flag. We won't make any deals when knowing there is talk of any illegality." Remember the publicity...

...with regard to the Goddess of Democracy last year. An empty ship with no transmitters and other vital equipment. Mr. Rijnart who's spokesman of the RFL group said that there had been talks with several politicians and religious organisations to get the money for rebuilding a ship. No doubt this story will end as a hoax too. Like several other plans never becoming reality.

Abe Nathan's radiostation the Voice of Peace is in the middle of a very difficult period. A week before the US deadline ended with regard to the withdraw from Iraq in Kuwait, the entire British broadcasting staff decided to leave the MV Peace. A few days later an American engineer followed his colleagues' example. The VoP is looking for new people but who's interested when knowing the Gulf War is about to begin ? Trms went out on AM & FM but not on SW simply because the remaining two men on the ship have no idea how to handle the SW tx (Bobby Speed is the solution!). A lot of fuel was brought to the ship. According to Abe Nathan the VoP pxs are more than ever aimed to bring Peace. "Even when the war breaks out, we'll be continuing." And so it happened.

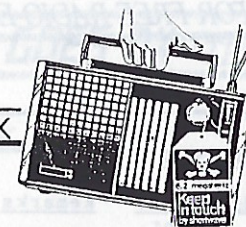
Tuesday January 22nd: from Great Britain comes the news that technical equipment has been taken from the Ross Revenge. Reason: the Caroline people are afraid the DTI, despite making certain promises, will set foot on the ship to confiscate vital equipment.

The infoline from Chris England seem to be promoting Caroline UK Ltd. rather than Caroline offshore. The same positive attitude towards Caroline UK Ltd. is to be heard in WFRL's Tender Trip px on SW. In itself that's not wrong or negative but things are looking different when knowing the attitude towards Caroline offshore is anything but positive. This puts forward the question whether there are arguments and two different movements.

Wednesday January 23rd: More news comes from Mike Barrington, former engineer on the Ross and also on the former Laser ship MV Communicator. He was accused of shooting with a gun in the direction of a ship belonging to the British Ministry of Defence. According to Barrington the ship was proceeding within the national waters of Sealand. Already in December Barrington had to appear in the Felixstowe court. Finally the outcome was that 35 aged Barrington had only threatened with a gun. In fact he let off fireworks, normally used to chase away seagulls from the platform. Barrington was cleared from the charge against him.

Saturday January 26th: 'Het Algemeen Dagblad' reports that the initiators behind the Lithuanian offshore project were visited by the minister of Telecommunication from Lithuania, Mr. Birulis. The latter was very grateful but added there was no real need for such a project provided the situation would improve or stabilizing.

Monday January 28th: it turns out that the Ross Revenge, being unmanned for a brief period in December, was visited by Trinity House to investigate the condition of the radiovessel. As it caused no danger to the shipping traffic in the South Falls Head. So no measures had to be taken. The Goddess of Democracy project got a lot of publicity although there



S.W. survey

Hello and welcome in a very comprehensive SW column. Quite some time has gone by since the previous

issue was published. Although the majority of loggings isn't very up-to-date we feel it as our duty to cover the whole period starting where last issue's reports ended. In this way there won't be any gaps in our news coverage and it is always an advantage when somebody (like you!) is looking back to find some 'flashback' loggings, he is able to use 'FRS Goes DX', in particular this column, as a reference book. Well, here we go starting in November of 1990.....

SATURDAY NOVEMBER 24th 1990

Freq	Time	Name of the station	Overall	Merit	Remarks
			U.K.	Cont.	
6205	16.05	Unid	---	44333	Music only
6206	13.55	Radio Pluto (tent.)	---	33333	D, QSO
6207	13.49	Delta R. Saterland	---	33333	D, QSO
6230	16.37	Unid	---	42442	Barry White mx
6238	13.48	Star Club Radio	---	44444	G,mail,oldies
6325	23.55	Voice of Khmer (!)	---	24322	Asian language
6399	14.02	Radio Atlantic Int.	---	43333	E,popmx
7294	09.40	Radio Europe	---	24322	I,E,discomx
7489	09.45	Radio Brigitte	---	44444	E,D,music
7558	13.53	X-Mas Radio	---	44444	Popmx,testtrm

SUNDAY NOVEMBER 25th 1990

6200	11.20	Unid	---	33333	E,music
6205	11.24	Radio Tonair	---	44444	Antenna test
6210	11.09	Unid	---	33333	D,E
6214	10.24	Unid	---	22222	QSO to Carrierw
6220	08.05	Midlands Music Radio	---	23322	E,female dj
6229	07.55	Jolly Roger Radio	---	33333	E,popmx
6230	08.51	Unid	---	44333	non-stop mx
6232	10.05	Britain Radio Int.	---	33333	E,popmx,DX-news
6236	10.00	Unid	---	44444	Music
6241	09.05	Unid	---	23322	E,D, music
6290	09.44	Unid	---	44444	Dire Str. mx
6290	11.29	Unid	---	33333	ID R...Int.
6290	12.30	Radio Orion	---	33333	Rockmx
6300	12.15	Unid	---	22222	E,music
6314	09.12	Star Club Radio	---	44444	Repeat of 24-11
6319	07.50	Radio Stella Int.	---	33333	E,Jock Wilson
6399	13.39	Radio Atlantic Int.	---	43443	E,oldies
7289	10.29	Radio Nolan	---	44444	Beethoven's 9th
7294	08.50	Radio Europe	---	22222	I,music
7441	08.08	Radio Waves Int.	---	33333	E,mx, //11401
7441	10.30	Radio Equinox	---	33333	E,F, //11401
7491	08.08	Radio Brigitte	---	44444	E,D,G,better mode !
11401	14.09	Radio Waves Int.	---	44444	E,popmx //7441
11401	10.30	Radio Equinox	---	33333	//7441

...was no talk of any broadcasts from the ship. The ship finally ended up in Taiwan and has now been sold for \$ 500,000 US .

Wednesday February 6th: Caroline laywer Mr. Butler sends a letter to the DTI in which he explains that the Ross isn't a radiovessel anymore under the current circumstances. As a result the supplies to the ship are fully legal and can't be stopped. Another interesting development is that the official registration of the Caroline ship at the time of the raid (August 1989) has turned up yet. A copy of the document is in possession of Mr. Butler. The document has been signed by authorized officials. If a ship is registered in Panama, the registration can only be suspended when the ship leaves the International waters. Since 1983 the Ross never left the International waters....

A few months ago John England claimed to have been buying the MV Sarah. Al Weiner, RNI spokesman, declares the ship was sold to a consortium in which Mr. England's share is only very little. Up till now only a part of the money has been paid to the former owners of the Sarah. Weiner also declared RNI had applied for a SW broadcasting licence. But after months of waiting, no FCC answer has been received. Weiner is still interested in an offshore project. Is he flirting with the good old Communicator ? Keyword is ofcourse money. Without money plans are only a cheap fairy tale. Talking in 'nostalgic' terms: what's happening with the Nannell ? The ship is still lying in the a south England harbour.

Sunday February 10th: there has been a kind of meeting between people of the Caroline Movement, Caroline UK Ltd. & the Caroline organisation. They're bosom pals once more.... Could be true when listening to Ian Johnstone in his Tender Trip show on SW pirate WFRL. He tried to make clear there were no problems at all between for instance John Burch and Peter Moore (more offshore news on p.35)

WHERE ARE THEY NOW ???

Former Caroline North deejay Bob Stewart who used to work on Luxy 208 last year, is now to be heard on Atlantic 252. Bob returned from his native Canada and he's also back on Atlantic's sister-station Radio Luxembourg. Tony Allen left Caroline in 1979 and went to Ireland to start working for a handful of landbased 'pirate' stations. Since 1986 he wasn't active on the radio but since November he's working on Nova Power FM, the satellite delivered popmusic station broadcasting via the Astra satellite (subcarrier of Life Style). We cannot confirm whether he's still on Nova. Next issue a lot of satellite info ! Alton Andrews, former Caroline jock (in the mid 80's) started working for a very special project called Oasis 99. It's a joint venture of the AFRTS & the BFBS. Alton did conclude a long-term contract with the BFBS and as one of the very few Britons he went to the Gulf to present radioshow for US and UK soldiers on Oasis 99. Dave Asher used to be in the Middle East when he was working on Abe Nathan's Peace-ship. Dave joined a number of former caroline jocks working for Contact 94. In the next 'FRS Goes DX' a feature on this professional French FM station. Sean Taylor can now be heard irregularly on Luxembourg. About a year ago he was on... Ross Revenge. Mike Lindsay, former RNI deejay, lost his job as managing-director on Birmingham's Buzz FM.

SATURDAY DECEMBER 1st 1990

Freq	Time	Name of the station	Overall U.K.	Merit Cont.	Remarks
6199	11.35	Freesound Radio	-----	22222	E,popmx
6205	12.52	Delta R. Saterland	-----	44444	E,D,mx
6229	10.32	Jolly Roger Radio	32442	22222	E,popmx
6235	13.53	Radio Nord	-----	23222	E,cq call
6240	09.45	Radio Galaxy UK	43443	33333	E,popmx
6240	12.56	Radio Pluto	-----	33333	E,D,qso-ing
6300	12.06	Radio Pamela	-----	22222	E,popmx
6400	13.11	Radio Atlantic (?)	-----	33333	Non-stop mx
7294	10.55	Radio Europe	-----	33333	It,discomx
7490	23.59	Radio Greta	-----	?????	E,F,no address

SUNDAY DECEMBER 2nd 1990

6203	12.15	Radio Ridiculous	-----	33333	Qso to Carrierw.
6203	12.42	Voice of The Neth.	-----	44444	Qso-ing
6205	13.03	Unid	-----	44444	Qso to Carrierw.
6206	08.11	Radio Orang Utan	55555	44444	E,G,popoldies
6207	11.34	Voice of The Neth.	55555	44444	E,qso-ing
6219	10.29	Radio Carrierwave	-----	44444	E,mx,qso-ing
6229	07.47	Jolly Roger Radio	43443	33333	E,popmx
6240	07.42	Radio Galaxy UK	44444	33333	E,popmx
6245	10.17	Unid	-----	34333	No ID,popmx
6276	10.50	Unid	-----	0=3/4	Music
6280	10.55	Ozone Radio	43443	22222	E,music
6290	11.20	Radio Orion	55555	33333	E,rockmx
6301	11.45	Radio Pioneer	-----	32322	D,E,cq-call
6303	11.43	Unid	-----	33333	E,music
6310	12.02	Radio 48	44444	33333	E,popmx,testtrm
6316	10.24	West&North Kent R.	32442	33333	Engineering test
6319	07.03	Radio Stella	-----	33333	E,popmx
6402	13.00	Radio Atlantic	-----	43433	E,oldies
7292	08.45	Radio Europe	-----	33333	It,popmx
7441	08.42	Radio Equinox	-----	23222	Via RWI
7441	07.51	Radio Waves Int.	-----	33333	E,F,popmx
7441	09.20	Southern Music R.	-----	33333	E,popmx//11401
7479	08.58	Radio Benelux	-----	22222	G,rockmx,low mod
7490	00.00	Radio Greta	-----	?????	E,F
11401	09.20	Southern Music R.	-----	33333	//7441
11401	08.56	Radio Waves Int.	-----	43433	E,popmx
15025	07.50	Unid	-----	24322	E,popmx

SATURDAY DECEMBER 8th 1990

6199	12.16	Freesound Radio	44444	33333	E,popmx
6204	13.20	Delta R. Saterland	-----	33333	D,qso-ing
6210	12.50	Delta R. Saterland	-----	44444	D,qso-ing
6240	12.55	Radio Pluto	-----	43433	D,qso-ing
6240	12.42	Radio Nord	-----	44444	D,E,qso,German?
6274	10.50	Unid	-----	44444	E,1D,Stones mx
6275	11.00	Unid	-----	44444	on&off,drifting

SATURDAY DECEMBER 8th 1990 (Cont.)

6290	12.08	East Coast Comm.	34443	34343	test,non-stop mx
7440	10.13	Unid (Waves ?)	-----	25333	only music
7490	10.05	Unid	-----	43333	music,low mode

SUNDAY DECEMBER 9th 1990

6205	10.24	Radio Atlantis SW	55555	44444	See news!
6225	07.42	Radio Waves Int.	-----	33333	E,It,low mode
6225	09.28	Radio Equinox Int.	-----	33333	E,F,1D,music
6230	09.00	Unid (VoL ?)	55555	44444	Caroline cuts
6230	09.52	Jolly Roger Radio	32442	-----	Popmx
6230	13.00	Britain Radio Int.	44444	34343	Oldies format
6275	10.00	FRS-Holland	55555	44444	E,G,D/History
6279	14.20	Unid	-----	22222	E,talk
6290	11.48	Radio Orion	-----	23422	E,rockmx
6294	13.07	Radio Carrierwave	-----	33333	E,popmx
6316	11.00	Radio Karibu	-----	44444	G,letters,mx
6316	10.02	Radio Pogo 104	-----	44333	G,via Karibu tx
6316	10.17	WNKR	44444	43443	Oldies,qrm...
6319	00.12	Radio Stella	-----	33333	E,Jock Wilson
6556	15.00	Radio Atlantic	-----	33333	E,music
7293	08.55	Radio Europe	-----	23232	It,music
7484	08.05	Radio Marabu	-----	34333	E,G,It,low mode
11401	08.08	Radio Mayday	-----	33333	E,via RWI
11401	08.48	Radio Waves Int.	-----	33333	not //6225 !
25920	17.50	Radio Orion	-----	22222	E,popmx

SATURDAY DECEMBER 15th 1990

6205	13.15	Delta R. Saterland	-----	44444	D,music
6300	11.23	Radio Pamela	-----	22222	E,music
6400	13.08	Radio Atlantic	-----	33333	E,D,non-stop mx
7400	15.51	Unid	-----	43433	Boney M. song

SUNDAY DECEMBER 16th 1990

6200	09.27	Radio 48	55555	44444	See news!
6205	09.29	Unid	-----	44444	E,sudden s/off
6205	12.35	Delta R. Saterland	-----	33333	D,qso-ing
6205	14.35	Weekend Music Radio	-----	33333	Qso to R.Zodiac
6205	14.46	Radio Zodiac	-----	22222	E,Bruce Wayne
6206	15.13	Voice of The Neth.	-----	44444	E,qso-ing
6207	12.56	Unid	-----	23222	Popmx
6211	11.18	Atlanta Radio	55555	0=3/4	See news!
6221	09.38	Radio 48	55555	0=3/4	Almost //6309
6229	08.35	Jolly Roger Radio	-----	23222	E,music
6238	11.30	Star Club Radio	-----	33222	Qso to PFBS
6239	08.15	Total Control Radio	-----	22322	E,music
6240	10.40	Voice of The Neth.	-----	44444	E,G, cq calls
6275	11.28	Atlanta Radio	55555	33333	Almost//6211
6280	11.32	Ozone Radio	-----	22322	E,music
6285	09.24	PFBS	-----	44444	G,E,5th Birthday

SUNDAY DECEMBER 16th 1990 (Cont.)

6290	11.29	Radio Orion	44444	22222	E,music
6295	08.18	Radio East Coast H.	-----	44444	See news!
6299	11.00	Radio Pamela	-----	22222	E,G,Pirate Andy!
6299	11.42	Radio Carrierwave	-----	34333	Popmx
6309	10.06	Radio 48	55555	33333	Almost//6221
6316	15.28	Radio East Coast H.	-----	44444	E,qso-ing
6316	15.31	Voice of The Neth.	-----	34433	E,qso-ing
6316	11.22	Radio Gloria	-----	23222	low mode
6316	14.35	Unid	-----	12111	E,music
6317	10.15	WFRL	44444	22222	E,popmx,low mode
6318	15.30	Weekend Music Radio	-----	32322	Qso-ing
6400	13.21	Unid	-----	22222	Music
6556	14.30	Radio Atlantic	-----	33333	E,non-stop mx
7290	10.33	Radio Mona Lisa	-----	44444	E,music
7441	08.13	Radio Waves Int.	-----	33222	E,popmx
7441	09.19	Radio DX34	-----	32322	E,G//11401
7441	10.55	Jolly Roger Radio	-----	22222	E, via RWI
7479	09.35	Radio Benelux	-----	34333	G,E,rockmx
7495	09.16	Radio Vanessa	-----	43433	G,popmx
9982	10.25	Radio Mayday	-----	25322	Fin,E,music
11401	08.14	RWI	-----	32333	E,infos
11401	09.00	Radio DX34	-----	33333	G,E, via RWI
11401	11.16	Jolly Roger Radio	-----	33333	E, via RWI//7441
11490	08.20	Radio East Coast H.	-----	43433	See news!

SATURDAY DECEMBER 22nd 1990

6206	13.31	Voice of The Neth.	-----	44444	D,qso-ing
6206	13.00	Radio Orang Utan	-----	44444	test,X-mas mx
6207	15.52	Radio Charline	-----	33333	E,ID,cq call
6238	13.32	Star Club Radio	-----	33333	Moonlight Show
6315	10.15	Radio East Coast H.	-----	44444	E,ID,cq call
6315	10.19	Radio Pluto	-----	33333	Cq to RECH
6317	18.28	Radio Mirage	-----	33333	E,music
7494	14.40	Radio Brigitte	-----	32322	E,D,X-Mas mx
11490	10.15	Radio East Coast H.	-----	23322	//6315,cq call

SUNDAY DECEMBER 23rd 1990

6200	10.27	Unid	-----	33333	Non-stop mx
6206	08.00	Radio Orang Utan	44444	44444	E,D,X-mas mx
6207	11.25	Radio Action	-----	0=3/4	E,cq call
6207	12.56	Delta Radio	-----	33333	E,test,cq call
6220	07.40	Midlands Music R.	55555	33333	E,music
6220	10.01	Radio Telstar	-----	44444	E,popmx,test
6229	12.00	Jolly Roger Radio	-----	23222	E,music
6238	09.09	Star Club Radio	-----	23322	X-mas Show
6240	12.31	Unid	-----	34433	Discomx,good
6240	13.23	Radio Pluto	-----	33433	Qso to Pacman
6272	13.07	Unid	23442	33333	Relaying Atl.252
6275	10.45	Unid	-----	33333	Music only
6277	12.30	Live Wire R. (tent.)	-----	44444	E,testing
6281	13.40	Station Victor 11	-----	44444	E,cq call
6290	11.25	Radio Orion	55555	33333	E,rockmx

SUNDAY DECEMBER 23rd 1990 (Cont.)

6305	10.22	Radio Karibu	-----	44444	G,music
6310	13.52	Station Victor 11	-----	23232	Qso-ing
6311	13.45	Radio Nord	-----	33333	E,ID
6312	13.15	Live Wire Radio	-----	44444	Qso to Gloria
6314	11.31	Radio Limit	-----	33333	G,letters
6314	12.35	Radio KNMS	-----	44444	E,Steve Young
6315	12.25	Unid	-----	44444	Short mx test
6315	13.17	Radio Gloria	-----	0=2/3	Qso-ing
6315	13.26	Live Wire R. (tent.)	-----	44444	Feedback problem
6316	10.50	Unid	-----	22222	E,mx,FM qrg ann
6317	13.33	Weekend Music R.	-----	33333	Nova cuts/qso's
6317	13.44	Station Crystal Cr.	-----	33333	Qso-ing,music
6556	13.54	Radio Atlantic	-----	44444	E,mx,test,cq cll
7290	08.44	Radio Mona Lisa	-----	33333	E,mx,cq call
7488	08.17	Found. of H. Und.	-----	43443	Via X-Mas Radio
7488	09.02	FRS-Holland	-----	42432	See FRS Newscor.
7492	08.13	Radio Brigitte	-----	43333	Bad mode, E,G,D
7558	09.51	FRS-Holland	0=3/4	0=3/4	FRS X-Mas Party
7558	13.25	X-Mas Radio	-----	33333	Caroline info

MONDAY DECEMBER 24th 1990 (X-Mas Eve)

6207	13.02	Unid	-----	24322	Pink Floyd mx
6207	14.46	Radio Action	-----	34333	E,test
6230	13.55	Britain Radio Int.	-----	33333	E,info X-Mas px
6240	09.05	Unid	-----	33333	Music
6240	16.35	Weekend Music R.	-----	33333	Nova extracts
6285	23.50	PFBS	-----	23222	E,ID,music
6293	14.08	Radio Gloria	-----	22222	E,ID,music
6309	12.27	Radio Brigitte	-----	44444	E,D,ID,cq
6315	11.02	Radio santana	34443	44444	75w test,music
6556	14.00	Radio Atlantic	-----	33333	E,music
7291	07.45	Radio London	-----	34333	E,popmx
7489	12.40	Unid	-----	44444	Music
7562	10.00	Radio Brigitte	-----	44444	E,X-Mas px

TUESDAY DECEMBER 25th 1990 (X-Mas Day)

6205	10.05	Unid	-----	33433	E,popmx
6207	10.02	Radio Arena	-----	44444	E,oldies
6207	08.24	Radio Action	-----	44444	E,D,G
6220	10.35	Live Wire Radio	55555	33333	E,USA test
6220	09.24	Rainbow Radio Germ.	55555	33433	E, via LWR!
6229	08.56	Jolly Roger Radio	-----	23222	E,music
6229	14.58	Britain Radio Int.	-----	33333	E, via JRR?
6230	11.36	Radio Carrierwave	-----	33333	E,ID
6240	08.58	Weekend Music Radio	55555	33333	Phone in,live
6240	14.47	PFBS/W.M.R.	-----	33333	Live SW link
6269	10.10	Unid (Finnish?)	-----	22222	Finn,music
6272	08.46	NISWRS	-----	33333	E,infos,popmx
6272	08.55	Radio Marabu	-----	33333	Alt. music
6280	11.12	Ozone Radio Int.	55555	22322	E,music

TUESDAY DECEMBER 25th 1990 (Cont.)

6283	01.11	PFBS	-----	32222	E,ID//9985!
6290	09.51	Radio Orion	55555	23222	E,music
6290	14.01	Unid	-----	22222	Glasgow mention
6290	16.34	UK Radio	-----	33333	Engineering test
6293	00.38	Radio Gloria	-----	22222	1 min. testloop
6295	14.51	PFBS/W.M.R.	-----	33333	Live SW link
6299	11.00	Radio Pamela	32442	22322	E,popmx
6300	11.02	Radio Carrierwave	-----	32322	E,mx,qrm!
6308	12.55	Radio Confusion	44444	33333	E,phone in,popmx
6311	09.46	Unid	-----	0=1	Music
6556	08.39	Radio KNMS	-----	44444	Via Atlantic!
6556	09.52	Radio Atlantic	-----	44444	E,popmx
7296	08.35	Radio Europe	-----	23232	It,popmx
7489	08.03	Voice of the Neth.	44444	44444	E,G,X-Mas Show
7558	08.00	X-Mas Radio	-----	43443	See news!
15050	13.20	PFBS Radio	-----	24322	E,qso to WMR
25920	12.00	Radio Orion	-----	44444	E,music

WEDNESDAY DECEMBER 26th 1990 (Boxing Day)

6210	12.36	Jolly Roger Radio	-----	22222	E,music
6212	09.20	Unid	-----	44444	E,test,music
6220	08.57	Unid	-----	33443	mx by America
6220	09.04	Radio Telstar	34443	44444	E,music,tel numb
6229	08.42	Jolly Roger Radio	-----	22222	E,music
6230	10.04	Britain Radio Int.	43443	33333	4th Sun schedule
6233	17.57	Live Wire Radio	-----	33333	Qso to WMR,25w
6235	14.17	Weekend Music Radio	55555	33433	Phone in//15043
6238	14.36	Star Club Radio	-----	33333	E,qso-ing
6241	09.04	Rocket (?) 48	34443	22222	E,popmx
6277	07.58	Live Wire Radio	-----	33443	E,popmx
6285	10.13	Weekend Music Radio	55555	33333	Qsy to 6235
6290	09.45	Unid	-----	33433	Brief trm
6290	11.33	Radio Orion	-----	22222	Rockmx,qsy 6300
6300	11.35	Radio Orion	55555	23322	E,rocksongs
6306	19.27	PFBS Radio	-----	33333	Qso to Confusion
6308	12.53	Radio Confusion	55555	33333	E,popmx,cq call
6308	15.16	Station Crystal Cr.	-----	33333	Qso to Confusion
6556	15.14	Radio Atlantic	-----	44444	Test with 700w!!
7290	11.00	Radio Mona Lisa	-----	33333	E,mailbag px
7296	08.21	Radio Europe	-----	23232	It,music
7495	09.30	Radio Vanessa	-----	33333	See news
7558	08.13	X-Mas Radio	-----	43443	See news
15043	10.50	Weekend Music Radio	-----	44444	See news//6285
15050	13.17	PFBS Radio	34443	55555	E,popmx

FRIDAY DECEMBER 28th 1990

6205	11.50	Delta R. Saterland	-----	33333	D,music
6240	12.40	Radio Pluto	-----	33333	D,qso-ing
6402	15.32	Radio Atlantic	-----	33222	D,E,popmx

SATURDAY DECEMBER 29th 1990

6229	10.08	Jolly Roger Radio	34443	22222	E,popmx
6233	11.36	Station Sierra S.	-----	22222	E,music
6556	13.50	Radio Atlantic	-----	44444	E,low mode,popmx

SUNDAY DECEMBER 30th 1990

6199	10.55	Freesound Radio	55555	22222	See news!
6203	14.28	Voice of Love	-----	44444	Caroline extract
6210	15.14	Atlanta Radio	43443	-----	Qso-ing
6211	15.02	Radio Alpha 1	-----	-----	Qso to Nolan
6212	15.21	Radio Nolan	-----	-----	Qso to Alpha 1
6224	10.35	Atlanta Radio	55555	33443	See news
6229	09.20	Jolly Roger Radio	24442	22222	E,music
6230	10.55	Radio Carrierwave	-----	23222	E,music,hum
6233	14.55	Live Wire Radio	55555	44444	Qso-ing
6236	14.26	Weekend Music Radio	43443	32322	Qso-ing
6237	14.18	Voice of The Neth.	-----	44444	Qso-ing
6238	14.02	Station X-Ray 1	-----	22222	Qso-ing
6239	13.55	Live Wire Radio	55555	55555	Qso-ing
6240	13.47	Weekend Music Radio	55555	33433	Qso-ing
6240	14.09	Unid	-----	22222	D,music
6240	14.10	Voice of The Neth.	55555	44444	Qso-ing
6240	14.58	Atlanta Radio	55555	-----	Qso-ing
6270	14.31	Unid	-----	32322	D,music
6275	07.27	R.Delta Elburg	-----	33333	E,popmx
6280	10.05	Atlanta Radio	55555	33333	Final trm
6280	12.28	Ozone Radio	33443	-----	E,popmx
6281	13.41	Unid	-----	33333	Music
6284	11.43	Atlanta Radio	55555	33333	//6224
6290	07.22	Live Wire Radio	55555	44444	US test
6290	14.00	Radio Orion	55555	23332	popmx
6308	14.29	Radio Confusion	45554	32332	E,popmxo
6309	10.01	Atlanta Radio	55555	44444	E,US radio
6316	09.03	WNKR	55555	33333	E,test
6556	14.32	Radio Atlantic	-----	44444	E,low mode
7290	12.50	Radio Pacman	-----	33333	E,D,music
7294	10.00	Unid	-----	22222	Music
7425	11.26	R.Delta Elburg	-----	33333	E,music
7441	08.05	Radio Waves Int.	-----	33333	//11401
7441	09.30	Radio Marta	-----	32332	G,see news
7484	13.34	Radio Marabu	-----	22222	E,qrm/11401!
7520	06.55	Radio Free New York	-----	44444	Talk,via WWCR
11401	08.57	Radio Waves Int.	-----	43433	//11401
11401	09.30	Radio Marta	-----	43433	//11401
11401	11.37	Jolly Roger Radio	-----	33333	Via RWI
11401	13.45	Radio Marabu	-----	23432	//7484
25916	15.44	Radio Orion	-----	22222	E,music

MONDAY DECEMBER 31st 1990 (New Year's Eve)

6205	13.27	Unid	-----	34333	Caroline song
7441	11.03	Radio Waves Int.	-----	32322	CM infoline
11401	09.15	Radio Waves Int.	-----	43433	E,//7441

TUESDAY JANUARY 1st 1991 (New Year's Day)

6230	10.00	Britain Radio Int.	55555	33333	F.Archer
6239	10.43	Radio Meteor	-----	22222	Finn,music
6240	12.09	Jolly Roger Radio	24442	-----	E,popmx
6273	09.17	NISWRS	55555	33333	E,ID,200w
6277	10.35	Live Wire Radio	55555	33433	E,popmx
6280	10.36	Unid	-----	55555	Very brief trm
6280	13.20	Radio Bluebird	-----	44444	E,D,music
6290	11.23	Radio Orion	55555	33333	E,infos,popmx
6316	09.30	WNKR	55555	33333	See news
6317	16.52	Radio Delta Ruurlo	-----	44444	E,test
6930	10.25	Britain Radio Int.	-----	33222	Not//6230
7290	10.51	Radio Mona Lisa	-----	44444	E,G,letters
7293	08.59	Radio Europe	-----	32322	It,popmx
15055	10.23	Live Wire Radio	-----	23222	E,popmx
25925	14.12	Radio Orion	-----	22222	E,music

SATURDAY JANUARY 5th 1991

6275	14.28	Radio Delta Ruurlo	-----	43443	D,E,cq call,test
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SUNDAY JANUARY 6th 1991

6205	09.23	Radio Caroline Int.	-----	33333	E,test,s/off
6212	10.41	Unid	-----	23322	Non-stop mx
6220	07.35	Midlands Music R.	55555	32322	E,popsongs
6230	10.46	Jolly Roger Radio	34443	22222	E,music
6240	11.05	Unid	55555	24432	Only 1 record
6265	11.11	Station Sierra S.	55555	32332	Qso to MMR
6275	10.48	Unid	-----	33222	E,music
6275	11.02	Radio Nasibal	-----	23322	E,D,cq call
6275	09.02	Radio Delta Ruurlo	55555	44444	E,popmx,splatter
6280	11.43	Ozone Radio	55555	23322	E,infos,music
6290	14.31	Radio Orion	55555	23322	E,rockmx
6314	09.10	Radio KNMS	-----	33222	Steve Young
7315	01.00	Voz de la Fundacion	-----	31321	Sp,via WHRI
7441	08.02	Radio Waves Int.	-----	32222	E,F,ID's,popmx
7441	09.00	Southern Music Radio	-----	22222	E,popmx
7441	11.40	Radio DX34	-----	22222	G,letters
7479	09.00	Radio Benelux	-----	44444	G,E,rockmx
7520	05.40	Radio Free New York	-----	43433	E,infos,via WWC
11401	09.35	Southern Music Radio	-----	31321	RTTY qrm, //7441
11401	12.11	Radio Waves Int.	-----	21221	E,ID, //7441

SATURDAY JANUARY 12th 1991

6205	11.20	Radio Pluto	-----	34333	D,E,mode tests
6240	12.33	Radio Galaxy UK	44442	24322	Oldies,low mode

SUNDAY MARCH 17TH 10.00- 13.00 CET FRS-HOLLAND ON 7290 kHz/ 41 MB

10.00 GERMAN SERVICE- STEFAN KRAMER
10.45 MARK STAFFORD SHOW
11.30 'FRS GOES DX' - PETER VERBRUGGEN.
12.15 THE SHORT SW PARADE- JOOP TER ZEE.
TUNE IN AND RIP THE KNOB OFF !!

s.w. news

SUNDAY JANUARY 13th 1991

6204	09.59	WNKR	55555	33333	E,rockmx
6210	09.15	Jolly Roger Radio	32442	24322	E,popmx
6230	10.25	Britain Radio Int.	24442	-----	No rec. on cont.
6236	12.34	Unid	-----	23222	Music
6240	09.20	Radio Galaxy UK	44442	23322	Very low mod
6290	11.28	Radio Orion	44444	33333	E,DX-infos
7294	09.41	Radio Europe	-----	22222	It,discomx
7441	09.30	Radio Waves Int.	-----	33333	E,popmx, //11401
7441	11.15	Radio Mandarine	-----	33333	F, //11401
7441	12.31	Radio Equinoxe	-----	22222	F,E, //11401
11401	09.30	Radio Waves Int.	-----	44333	//7441
11401	11.15	Radio Mandarine	-----	33333	//7441
11401	12.31	Radio Equinoxe	-----	31331	F,E, //7441

SUNDAY JANUARY 20th 1991

6207	13.50	Station Sierra S.	55555	-----	E,music
6210	12.02	Jolly Roger Radio	21441	-----	E,popmx
6230	09.27	Jolly Roger Radio	24442	-----	E,popmx
6233	13.11	Radio Orion	34443	23232	Testtrm,music
6275	10.29	WNKR	55555	33222	E,popmx
6280	11.35	Ozone Radio	55555	-----	Qso with WMR
6280	13.29	Weekend Music Radio	55555	-----	Qso with Ozone
6290	15.30	Radio Orion	44444	32322	E,rockmx
6303	?????	Radio Carrierwave	-----	33333	E,D,popmx
6315	13.57	Weekend Music Radio	55555	-----	Qso with Gloria
6319	08.10	Radio Stella	34443	32222	E,popmx
6556	14.40	Radio Atlantic	-----	43433	E,ID,non-stop mx
7441	09.28	RWI	-----	22222	E,promos
7441	10.10	Jolly Roger Radio	-----	22222	E,music
7484	13.30	Radio Marabu	-----	32322	Alt.mx,via RWI
7520	06.15	Radio Free New York	-----	44444	E,promos,jingles
11401	08.02	RWI	-----	33333	E,F,G,It ID
11401	10.10	Jolly Roger Radio	-----	33333	E,music
11401	11.09	Radio Marabu	-----	33333	Not//7484

SATURDAY JANUARY 26th 1991

6200	12.10	Unid (VoL?)	-----	45434	Mx,Peace is..
6314	13.34	Star Club Radio	-----	23322	G,Ron White

SUNDAY JANUARY 27th 1991

6203	10.01	Voice of Love	55555	44444	See news
6205	10.10	Unid	-----	24322	Kiki Dee mx
6210	10.05	WFRL	55555	34333	Nearly//6275
6220	09.16	MMR	55555	23322	E,popmx
6230	10.25	Jolly Roger Radio	24442	-----	E,music
6230	11.33	Britain Radio Int.	43443	33333	E,infos
6275	10.45	WFRL	55555	33333	Nearly//6210
6276	11.34	Radio Delta Elburg	-----	43443	E,cq call
6280	11.55	Ozone Radio	55555	23322	E,rockmx

s.w. news

SUNDAY JANUARY 27th 1991 (Cont.)

6290	14.00	Radio Orion	44444	23332	E,rockmx
6300	12.57	Radio Pamela	55555	22332	E,popmx
6301	10.43	Radio Carrierwave	-----	43433	E,popmx
6314	10.04	Star Club Radio	-----	43333	Mail,low mode
6314	14.23	West German P.O.	-----	33333	G,ID,music
6319	07.55	Radio Stella	-----	23322	Jock Wilson
7441	08.00	RWI	-----	22332	E,ID,//11401
7484	11.28	Radio Marabu	-----	33333	G,//11401
11401	08.00	RWI	-----	23332	//7441
11401	11.30	Radio Marabu	-----	43333	Mark Graison

SATURDAY FEBRUARY 2nd 1991

6238	13.19	Unid	-----	23222	F.R. David mx
6316	11.35	WNKR	34443	23322	Letters,E

SUNDAY FEBRUARY 3rd 1991

6205	10.53	Delta R. Saterland	-----	33333	D,qso to Pluto
6205	????	Radio Turbo	-----	-----	D,qso
6225	00.20	Britain Radio Int.	-----	42332	Nighttime test
6230	11.58	Jolly Roger Radio	34443	-----	50w of power
6233	12.09	Radio Carrierwave	-----	34433	E,D,popmx
6237	12.56	Voice of The Neth.	-----	44444	Cq call
6238	12.10	Unid	-----	22222	G,very weak
6239	10.38	Unid	-----	33333	Music
6239	10.50	Radio Pluto	-----	33333	D,E,qso to Delta
6239	13.05	Radio Neptune Int.	-----	22332	E,D,Heerde addr
6275	10.38	WFRL	24442	33333	See news
6280	10.54	Ozone Radio	55555	23322	E,rockmx
6280	13.30	Weekend Music Radio	55555	-----	Qso to VOTN
6280	13.56	Voice of The Neth.	55555	44444	Qso to WMR
6290	13.33	Radio Orion	55555	32222	Rockmx
6315	09.07	Radio Benelux	-----	34433	Hardrockmx
6316	09.00	WFRL	33443	32322	Qsy to 6275
6540	11.01	Station Sierra S.	-----	34444	E,music
7290	08.15	Radio Mona Lisa	-----	44444	E,D,popmx
7290	09.55	Radio Peace in Act.	-----	34444	Against Gulfwar
7441	08.07	RWI	-----	23222	E,F,//11401
7441	08.41	Southern Music Radio	-----	22322	E,popmx,//11401
11401	08.07	RWI	-----	43333	//7441
11401	08.41	Southern Music Radio	-----	33333	//7441

SATURDAY FEBRUARY 9th 1991

6225	11.29	Unid	-----	44444	Rockmusic
6239	12.08	Unid	-----	34333	Slow Asian mx
6314	14.30	Unid	-----	44444	Carrier only
6556	16.50	Radio Atlantic	-----	32332	E,D,popmx

SUNDAY FEBRUARY 10th 1991

6199	13.57	Radio Neptune Int.	-----	23322	D,qso to Delta
6203	14.05	Delta R. Saterland	-----	33333	D,qso
6203	14.09	Unid	-----	44444	Carrier only
6205	13.07	Unid	-----	33433	Non-stop music
6208	09.00	MMR	-----	23322	E,popmx
6208	14.24	Delta R. Saterland	-----	34333	D,qso,music
6225	10.06	Britain Radio Int.	0=4/5	0=3/4	Jane & Roger D.
6234	09.08	Passion Radio	-----	44444	See news
6240	11.55	Unid	-----	32322	QRM
6244	12.54	Rocket 48	44444	23333	See news
6275	10.09	WNKR	55555	33333	E,music
6280	11.55	Ozone Radio	44444	23222	E,music
6300	12.34	Radio 49	-----	32222	Return??
6313	13.08	Radio Carrierwave	-----	33333	E,popmx
6319	00.04	Radio Stella	-----	32322	E,Jock Wilson
6540	13.04	Station Sierra S.	55555	44444	See news
6556	14.39	Radio Atlantic	-----	43333	See news
7290	11.06	Radio Pacman	-----	44444	D,test
7290	14.05	Radio Mona Lisa	-----	32322	D,qso to Delta
7441	08.37	RWI	-----	33333	E,F,//11401
7484	10.57	Radio Marabu	-----	33333	//11401
11401	08.37	RWI	-----	43333	//7441
11401	10.57	Radio Marabu	-----	43433	//7441

THE SW ADDRESSES:

- 1 = P.O.Box 220342 - DW-5600 Wuppertal 2 - Germany.
- 2 = P.O.Box 19074 - 3501 DB Utrecht - The Netherlands.
- 3 = 32 Victoria Road - Salisbury - Wiltshire SP1 3NG - England.
- 4 = P.O.Box 130 - 92504 Rueil Cedex - France.

'FREE DX' is a brandnew English newssheet fully concentrating on the free radio short wave scene. The sheet is published on a weekly basis and contains the loggings of the past Sunday/ Saturday and in addition interesting station newsitems. Every Sunday the 'Free DX' telephone line is open between 15.00- 18.00 local English time. In this way one can phone through his loggings from that particular Sunday. The number to call is 04023- 42022 for UK listeners and people outside the UK should first the Int. access number plus the number for England followed by 4023- 42022. At the moment this info was typed out the subscription rate wasn't known but next issue we can reveal the details. The address for info is: c/o 21 Green Park, Bath, Avon BA1 1HZ in the UK.

THE IDEAL SOLUTION FOR STATION OP's & DEEJAYS ** JINGLE-CASSETTES!
Ten C-02 chrome cassettes for promos & jingles including stickers for only DM 20,-- incl. P+P via: LS-Publications, P.O.Box 433, DW-2980 Norden in Germany.

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The SW news covers the months of December and January as well as the first part of February. Conditions have been 'normal' implying there haven't been any exceptional circumstances. Fact is not one time conditions have been excellent. Lots of activities could be observed over the Festive Season but it seems it was less in compare with previous years. Most active stations were Live Wire Radio and Weekend Music Radio. Both stations provided good to excellent signals on the continent on a variety of frequencies. January 1st saw the new U.K. Broadcasting Bill becoming law. Already in December a number of stations said goodbye to their listeners and disappeared from the SW scene: Atlanta Radio, Radio Atlantis, Radio 48 and Freesound Radio. A loss for the British and the European SW scene as well since stations like Atlantis, Atlanta & Radio 48 were well-respected and popular stations among the SW audience. When drawing a conclusion with regard to the first 5 or 6 Sundays of 1991, one may say things on the bands were rather disappointing: low activity most Sundays and only very few 'highlights'. Where is the quality? If you don't agree, we are curious about your meaning. It will be handled in 'Opinion 2727' as part of this magazine. One thing musn't be forgotten: thanks to all those radio-enthusiasts supplying us with news and loggings. Remember you help us a lot to keep this column informative and up-to-date....!! And now the news.....

RADIO ATLANTIS SW made its final SW broadcast on Sunday December 9th. An excellent signal was noted on 6205 kHz although the rig was slightly drifting. Fact is that both British and continental listeners were easily able to hear all of the broadcast. A very high-levelled modulation made the signal even louder than you may expect from some 100W. According to the Atlantis people the broadcast was also carried out on FM & medium wave (1562 kHz). In the period that RASW was active, the station was quite popular among DX-ers. We do hope to obtain some additional info with regard to the results of Atlantis' final broadcast but the latter doesn't depend on ourselves but one other info sources. Hopefully next issue! The RASW address was (1), we are not sure whether this will remain so in the future. No doubt your letter will reach the RASW people via the Wuppertal address since the latter is a very reliable one.

RADIO 48 was to be heard for the very last time Sunday December 16th 1990. The station was created after the demise of the Radio CarolineSW service in the early 80's. Caroline SW had been run by Freddy Archer with some of the broadcasts put out by Howard Bell (alias Magnus the Engineer!). Howard was a self-taught radio, audio and electronics man. In 1981 one of the two (remember??) Caroline SW stations closed leaving Freddy Archer to continue the service on his own, until 1983 when Caroline re-appeared from the MV Ross Revenge in the International Waters of the Northsea in the Knock Deep. The other members of the Radio Caroline SW organisation, Dave Caine, Howard Bell and Tony Rossi, then decided to set-up a new station called Anchor Radio. Anchor Radio was very successful but unfortunately only survived for a short period due to internal disputes and at the end of 1982 the station closed. Eager to carry on with a station that would be popular, Tony Rossi and Howard Bell started Radio 48. The first experimental.....



.....broadcast went out on the 23rd February 1983 on 6250 kHz with the same 20 watt rig that had been used by Caroline SW and Anchor Radio. The first broadcast brought in over 40 letters and the station went on to make several more succesful broadcasts on 6255 kHz. During its early broadcasts Radio 48's format was 100% music-based. However, in the middle of 1983 Dave Scott of Radio Apollo joined the station and began featuring free radio news as well as presenting the MailBox Show. During 1983 Radio 48 made only a few broadcasts all of which produced a good listener response. During 1984 SW conditions worsened resulting in a reduction in broadcasts during that year as well. One memorable broadcast was however made on the 12th August 1984 when a co-site broadcast with Radio Apollo brought unwelcome visitors from the Forestry Commission to 48's transmitting site. Perhaps they were on Sunday overtime! Luckily the people on the site escaped to fight another day. After this broadcast Tony Rossi left leaving Dave Scott as sole predenter and Howard Bell as engineer. The appalling SW conditions in the period 1985- 1987 meant that the station only made a few brief appearances on the air. Despondancy set in during this period due to poor signal strengths and poor listener response. Whilst on the verge of closing Radio 48 down, Howard Bell had a chance meeting with Ian Scott in the Autumn of 1987. Dave Scott had ceased to be involved with Radio 48 at this time and Ian Scott became the sole deejay helping to keep the station alive. In 1987 a number of broadcasts were made and by 1988 the station had become almost a regular on 48 metres with 9 broadcasts during that year. In the middle of 1988 Mark Stafford joined the station, making his debut on the July 1988 broadcast and adding something different to the Radio 48 programming in the form of his 'World of Radio' features.

To complete this brief Radio 48 history some technical details. All broadcasts, with the exception of a few 41 metre band tests in 1984, have been made on 48 metres. The most regularly used frequencies have been 6286, 6312 and 6280. The majority of broadcasts have been carried out with the stations' 20W rig. However, on occasions such as an USA test February 5th 1989, 100 watts were used. The good old 20 watt rig has been very reliable over the years with very few breakdowns. It uses a 6146 valve instead of the usual 807 used by many other operators. The station always operated from a mobile site using battery power to power the rig from a 400v HT inverter. Antennas were always horizontal dipoles approx. 15 feet off the ground. Programmes were pre-recorded at the two studios, one with Ian Scott and the other with Mark Stafford.

Radio 'Quality Rock for Europe' 48's final sounds were to be heard on Sun December 16th on two frequencies. Several voices were heard, among them also Dave Scott's one. The final part of the trm was presented by Howard Bell & Mark Stafford. It was good to know that on both frequencies- 6221 & 6309- very good signals were audible. Power on one frequency was 20w, on the second frequency some 25w were being used. Both frequencies were almost in parallel with each other. At 10.47 UTC = 11.47 CET 6309 closed down with the final sound of Radio 48 on SW.... 6221 closed down slightly later. The end of another well-respected British SW station. Radio 48 always provided solid signals, also on the continent despite the fact only 20W have been used. That's a compliment for station-OP Howard Bell. We hope to receive some additional info regarding the final Radio 48 trm via Howard Bell or Mark Stafford. Thanks to Howard Bell for sending us the info which has been used in this feature.

== RADIO 48 == QUALITY ROCK FOR == EUROPE ==

RADIO ORION is one of the British stations continuing its SW activities on Sundays. The station was already one of the most regular British stations with weekly trms on mainly 6290 & 6300. It has always been a pity that Orion concentrated (at least so it seemed) at British DX-ers rather than at a truly International audience. The format was always 100% based on rockmusic but it seems that this will change since it has been announced that Orion is going to run a DX-Show on each first Sunday of the month. Since RECC closed Neal West has nobody to read his news round-up of the month. That simply means that Neal West, who always.....

s.w. news

compiled the monthly DX-spot on RECC, now compiles the news for another British SW station. Deejays on the 'Big O' are Mike Wilson, Paul Johnson and Paul Fraser. With the introduction of regular DX-news Orion should be attracting more continental listeners provided a fair signal is produced on the continent. Address: Box 1280, Rednall, Birmingham B45 8SQ, UK.

ATLANTA RADIO was heard twice in December. Following the closure of Radio 48 December 16th, Atlanta was noted on two different frequencies as from approx. 13.00 CET onwards: 6211 & 6275 kHz. Pxs lasted till 15.35 CET including a Mark Stafford Show and the popular Soundabout DX-programme. The Atlanta programming on 6211 was nearly in parallel with 6275. A difference of less than a minute was noted. Both txs provided good signals on the continent and excellent signals in the UK. Atlanta Radio made its very final trm on Sun December 30th 1990 after being active for almost 12 years !! Just before official programming commenced a strong signal was picked up on 6309 kHz but at 11.01 CET a switch was made to 6224 kHz. A second transmitter was operated on 6280 kHz, a frequency which was often used by the station in the past few years. Pxs on 6224 & 6280 were almost in parallel with each other. At 14.27 CET, after approx. 3½ hours of final programmes, the station's programming was ceased although the tx stayed on the air with only a carrier audible. At 12.42 CET the 6280 tx moved to 6284 kHz, obviously because of a whistle on 6280 earlier that morning. At 13.28 CET pxs on 6284 were ending but at 14.15 CET there was a repeat of the Atlanta Soundabout programme. Several well-known former Atlanta staff members were participating in the pxs. Among them Stuart Clark, Tim Stewart, Paul Graham & Mark Daniels. And not to forget voices of current deejays like Phil Collins, Tony Sullivan and Mark Stafford. There also were a few special 'goodbye messages' from colleague stations such as BRI & FRSH. Later on that afternoon a few qso's were made with a number of colleague SW stations, something which isn't usually done by the Atlanta people. But it seemed it was just to make some good fun..... As far as we know some 75 letters (!!) were received for the final transmission remarking that station-OP Mark Stafford was a bit disappointed about the number of British letters which were received via the 23 South Beechwood address. 75 letters is a very good result speaking in terms of 1991 but comparatively there was a low number of British letters. Mark Stafford will remain active on SW via his show on FRS-Holland. Address of Atlanta Radio: 23 South Beechwood, Edinburgh EH12 5YR in Scotland. This address is also Radio 48's current address (for the time being). Atlanta Radio will be sadly missed by thousands of free radio enthusiasts. Sunday will never be the same....(Spanky and our Gang).By the way: a special final info-sheet has been sent to those people who have reacted on Atlanta Radio's final trm. We do make any promises but there's a good chance that quite soon Atlanta Radio's final programmes will for sale via FRS Sales Productions (in perfect HiFi quality). The same could apply to the final programme of Radio 48.

Steve Most, RADIO PAMELA's key-figure, was in court recently. As reported in 'FRS Goes DX' Pamela was raided because of illegal trms back in October 1990. A fine of £ 350 (approx. f 1100/ DM 975) was imposed and no equipment was returned.

s.w. news

According to one of our sources Steve Most is willing to continue in future.... A new studio will be built. Radio Pamela can be contacted via 131 Napier Road, Gillingham, Kent ME7 4HH in England.

RADIO MONA LISA is a relatively new Dutch station active since a couple of months. The station was heard October 28th 1990 and more broadcasts were to be heard in November (3rd & 18th), December (16th & 22nd), January (1st) and February (3rd). Most of the time the station is using 7290 kHz and this seems to be a very suitable spot on the dial. So far more than 30 reports have been received from a number of (mainly) Western European countries. As far as the future is concerned: the station will continue, however on an irregular basis. Some details about the equipment used by the station: the tx is a self-built 15w unit with a X-tal controlled oscillator (ef 183), an el 84 driver and an el 86 PA. The antenna is a half wave inverted V for 41 metres, hanging some 6 metres above the ground. In the modulator there are two el 84's. The address for this one-man operation is R.M.L.I., P.O.Box 11, 7954 ZG Rouveen in The Netherlands.

RADIO MARABU, the German station with the real alternative music on SW, was active over the X-Mas period on 6272 (via the NISWRS?) on X-Mas Day as well as on 7484 and 11401 Dec. 30th. In the mean time it seems quite obvious that the 7484 trms are carried out by RWI in France since these trms are in parallel with 11401 kHz. That means that Marabu is the only station which is not relayed via RWI's 7441 41 mb frequency but instead via 7484. Radio Marabu has informed 'FRS Goes DX' about the fact that finally the Marabu T-shirts are available (white printing with the Marabu logo on a black shirt size XL). Price: DM 25/ £ 10/ \$ 20 . Address: (1)&(2).

RADIO MARABU

RADIO ATLANTIC has been quite active in recent months. For the exact details read the loggings. There are at least a few remarkable facts which have to be mentioned: the station always transmits on Sunday afternoon, most of the time the late afternoon. An out-of-band frequency is being used (6556 or 6400) and the station claimed twice to use high power. Powers in the region of 700- 1000 watts were mentioned during a number of tests. Obviously it is a Dutch station with the following address: Box 40185, 6504 AD Nijmegen in The Netherlands.

WEST & NORTH KENT RADIO is one of the more active English stations at present time. It seems that there is some kind of link between W.F.R.L. and WNKR. Andy Walker is involved in both WNKR & WFRL and that could be a good explanation for a co-operation or.....??? WNKR started on SW in 1990 and it is clear the new UK Broadcasting law doesn't keep the station from carrying out regular broadcasts. On the continent WNKR is producing a fair signal while very good reception is achieved in the UK. Power is in the region of 20w but soon a new 32w tx will be operational....

on a mobile field site. Quite recently (February 10th) it was announced that WNKR will be putting out weekly trms on 6275. The only exception is when WFRL is on 6275 with its regular broadcasts. WNKR is the second UK station broadcasting on a weekly basis. The other station is ofcourse Radio Orion. WNKR is currently looking for new deejays. Anyone who's interested is invited to send a 30 min. demo-tape to the Wuppertal maildrop (1).

As already said, **LIVE WIRE RADIO** was one of the most active (perhaps the most active) station(s) on SW over the X-Mas period. The station was logged on several frequencies within the 48 mb including 6220, 6233, 6277, 6290 & 6315. A number of U.S.A. tests were part of the activities, for instance on December 25 & 30. Fact is that the station DID reach the land of Uncle Sam a number of times. For more info take a look elsewhere in this SW column. Without any doubt LWR's signal is the best one reaching the continent emanating from the British Isle. Power seems to be in the region of 80w but it wouldn't be surprising if it's exceeding 100w. From one of our readers we have learnt that LWR has informed its listeners that the station will continue in 1991. Trms will be mobile and no fixed location is going to be used. As far as we know the address still is 21 Green Park, Bath, Avon, BA1 1HZ, UK.

BRITAIN RADIO INT. will continue to be broadcasting on a regular basis throughout 1991. That's the most important news regarding BRI and no doubt this is GOOD news. BRI is one of the better SW stations which offers its listeners varied programmes on a very regular basis. January 13th BRI wasn't on because of site problems although during that very early morning a nighttime test was carried out to the North American continent. Sun Jan. 27th BRI was putting out a reduced px-schedule- the second 1991 trm following the New Years Day one- lasting for some two hours with Roger Davis and Steve West. February 10th BRI made a 3 hour broadcast on 6225. The station was forced to shift a few kHz down the band because of Passion Radio putting out a massive signal on 6234 kHz. The BRI px schedule was adjusted and a number of fixed pxs were cancelled. A good signal was noted on the continent although it was sometimes difficult to listen with a wide filter because of Passion Radio's excellent signal being the stronger one. Drawing a conclusion when looking at the 1991 BRI activities so far, it is clear BRI will be continuing its 2nd & 4th Sunday schedule. Well done!! The mailing addresses remain (2) & (3).

ROCKET 48 seems to be a new station on SW. R48 was first heard on Boxing Day on 6240. The second trm took place Sun february 10th on 6240. So far signal-quality on the continent was poor/ fair. It seems the station is planning a number of broadcasts on public holidays in the UK. So far no address is known although you may take it for granted that it concerns an UK operation.

'Free DX' reports that Radio Pamela made a short test on Wednesday February 6th on 6290 (logged in the UK at 17.20 UTC). According to 'Free DX' this was Pamela's last SW broadcast. But those who heard the re-launch of **RADIO 49** on Sun February 10th may understand- provided they know who was running Radio 49 a few years ago- that Pamela is continuing under a different name....

«FAS GOES DX» THE MAGAZINE FOR FREE RADIO ENTHUSIASTS

Radio 49 re-appeared on the SW bands after an absence of several years and the come-back trm was to be heard on 6290 kHz between 12.00- 14.00 CET. Address of R.49 is similar to the one used by Orion: P.O.Box 1280, Rednall in Birmingham.

PASSION RADIO- Europe's musical injection- hit the airwaves following a 9 months absence on Sun February 10th. A 7 hour marathon transmission was carried out between 09.00- 16.00 UTC on a frequency of 6234 kHz. A live show was being presented by Pirate Andy (yes, the one of PFBS) and David Carmichael. Important ingredient of the trm was a phone-in and as a result 45 people reacted by telephoning the station. A fine result! The most distant reporter came from Finland. A very strong signal was widely heard. Without any doubt a powerful tx was in operation, otherwise it couldn't have been such a powerful signal. Mod was also of a very good quality. Address is (2).

WONDERFUL FREE RADIO LONDON made an unexpected return to a more regular schedule. You cannot speak of a return simply because the station has never ceased broadcasting on SW. Last year (February) WFRL ceased its 1st & 4th Sun broadcasts and would instead only be active every 5th Sun (4 or 5 times a year). As from February onwards WFRL will be on every two months which makes a total of 6 trms in 1991. The return (?) was promoted Sun January 27th with non-stop music interspersed with announcements and new jingles. Signals were to be heard on 6275 and 6210. Both were fair on the continent but not particularly impressing. A week later, the first Sun of February, WFRL kept its promise and carried out an interesting 4 hour px-schedule which reads as follows:

- 09.00 Terry Phillips
- 10.00 Andy Walker
- 11.00 Ian Johnstone's 'Tender Trip'
- 12.00 *Keith Archer including the 'World of Radio'.
- 13.00 Close Down.

Pxs were heard between 09.00- 13.00 UTC. Part of the broadcast wasn't heard in good quality on the continent because WFRL commenced pxs on 6317 while Radio Benelux was already using 6315. Already before 10.00 UTC - around 10.30- a switch was made to 6275 which has always been WFRL's fixed channel. *Keith Archer was replaced by Adrian Cooke because of sickness. He'll be back in April presenting the new DX-Show 'World of Radio'. 'Tender Trip' only concentrates on offshore radio while 'World of Radio' covers the (free) radio scene in general including SW free radio. It's a pity that great parts of 'Tender Trip' were inaudible because of poor reception on February 3rd. The informal way in which 'Tender Trip' was presented cannot be described as very professional and/or inspiring. Be aware of WFRL's new maildrop: (1).

MIDLANDS MUSIC RADIO has been regularly heard on 6220 kHz with fair reception on the continent. The station's signal suffers from modulation problems which should be easily solved. MMR is a fairly new station and in average two trms each month are being noted. The address is c/o 135 Barks Drive, Norton, Dtoke-on-Trent, Staffordshire ST6 8EX in England.

RADIO SOUNDS INT., reported as closing down at the end of 1990 may well return sometime in 1991 but from a mobile site rather than a fixed site. Address is ????.

s.w. news

«FAS GOES DX» THE MAGAZINE FOR FREE RADIO ENTHUSIASTS

RADIO CARRIER WAVE is a Dutch station which used to broadcast on medium wave operating around 1615 kHz on Saturday nights. A few months ago the OP decided to change to SW and ever since the station is regularly operating on various frequencies within the 48 mb range. Carrierwave started on 6215 which wasn't the best choice but a while ago 6215 was left and at present time the station is often to be heard around 6300 kHz. Problem is that Orion weekly uses 6300 kHz although the latter also uses 6290 kHz. RCW makes use of a 20w tx. Address: Box 2188, 3000 CD Rotterdam in The Netherlands.

RADIO GALAXY UK was heard Sat Jan. 12th on 6240. The station claims to have a regular Sat schedule and it seems a new address is into use: P.O.Box 1218, Chelmsford, Essex CM1 4UG in the UK.

JOLLY ROGER RADIO has currently two txs available for Sw trms. One tx has a power of 12w, the second outlet is with its 50w more powerful. Operations seem to come from the south-east of Ireland. Several US stations will be relayed in the near future and some of them have already been heard: Radio Animal, WKND & Radio Wolf Int. In turn JRR will be relayed in the USA. Although JRR uses a small tx output power, reports have already been received from the USA, Canada & USSR. Recently the record was extended to Ecuador where a staff member of HCJB heard JRR on 6230 kHz. The station offers some classy photo qsl's which can be obtained by writing to Box 39, Waterford in Ireland.

THE NORTHERN IRELAND SW RELAY SERVICE has reduced broadcast hours due to 'neighbourly problems'. The current schedule is Sat 02.00- 07.30 UTC and Sundays 03.00- 07.30 UTC. By the way: this is only a temporary measure. Frequency is 6273 and maximum power is 200w. The station hopes to find a new, more suitable site which must be out of town. Jan. 1st the NISWRS was well received on the continent on 6273, something which happened only sporadically up till now. For those who are interested it is possible to arrange relays at the following prices: £ 5.00 per hour, £ 1.00 return of tapes, for a 4 hour relay you only pay £ 15.00. Relay frequency is 6273 kHz. The new address is 14 Stone Row, County Londonderry BT52 1EP in Northern Ireland.

STATION SIERRA SIERRA has been heard a few times on an out-of-band frequency, namely 6540 kHz. One of our contributors suggested that Sierra Sierra stands for Super Station. The latter indeed was the name for an initiative to start a new SW station with a number of well-known presenters from various European SW free radio stations. The plan arose in 1990 but so far no further steps to put the new station on air have been taken as far as our infos is concerned. Power is 10-12w and no address is known.

RADIO PARANOID is a new 'voice' to the airwaves and was heard on Sun February 3rd on 6307 kHz (this log is not part of the loglist) with a very poor signal on the continent. Despite the weakness of the signal the following address was identified: 507 Weymouth Road, Auckland, New Zealand. Perhaps a new New Zealand station hiring airtime from an European SW station or....???

s.w. news

RADIO VANESSA from Germany conducted two testbroadcasts during the month of December. On December 16th & 26th the station was putting its own 15w tx on 7495 kHz. A fair signal was received on the continent. As far as the UK is concerned, we are not too sure about the reception quality. Future broadcasts are planned on 7360 & 7375 kHz in the 41 mb. In the past Vanessa was always relayed via other stations. Address: P.O.Box 386, 5900 AJ Venlo in The Netherlands.

X-MAS RADIO's annual trms were to be heard on Dec. 25th & 26th. On both days a 6 hour schedule was put on the air. The pxs on Boxing Day were no repeat of the X-Mas Day pxs. Further broadcasts were observed in the very early morning of December 25th & 26th between approx. 00.00- 06.00 UTC. All trms were noticed on 7558 kHz and as a matter of fact the station was received in the U.S.A. A total of 50 letters were received from all over Europe including Finland and Spain. Qsl-cards are not yet sent but this will be definitely done as soon as time permits. The pxs of X-Mas Radio are-to say the least-alternative and this becomes evident when listening to the comments and the choice of music. From a number of persons we heard that they were upset by the sometimes ugly language used during parts of the X-Mas programmes. Main idea of the station is to be completely different from what is thought to be normal on the SW free radio dial. Within a few weeks the 1990 compilation of X-Mas Radio is available via FRS Sales Productions. This compilation will cover the best out of 12 hours of X-Mas 1990 programmes and is recorded on a C-90. Price will be f 10,-/ DM 10.00/ £ 3.10. The 1989 compilation is already available since early January and costs the same (also on C-90). The latter cassette is very much worth while to have in your private radiofile !!

WEEKEND MUSIC RADIO was- as already expected- quite active over the X-Mas period. December 25th WMR was on 6240 with a live phone-in programme. Reception on the continent was fair/ good. Interesting was the SW link between WMR and PFBS from Germany. On Boxing day WMR was on 15043 which was in parallel with 6285 kHz. At 14.15 UTC 6285 was left and two minutes later WMR popped up on 6236 kHz. Pxs continued till almost 18.00 UTC. For the continental listeners 15043 was the ideal solution to receive the station in brilliant quality whereas 6285 & 6236 gave fair results. Several people called the station and that made listening more than worth while. Dec. 25th WMR suffered problems with the 19 mb outlet resulting in only 48 mb trms, a pity!! WMR is using a new address as the well-known Arran Close address has apparently closed down. The new address is the same one used by Radio 48, Atlanta Radio & Radio Stella: 23 South Beechwood etc.

RADIO EAST COAST HOLLAND carried out a testtrm on Sun Dec. 16th. For the very first time a 25 mb tx was in operation on a frequency of 11490 kHz. At the same time a 48 mb tx was in parallel on 6295 kHz and it seemed the signal on the latter frequency was weaker than usually. After the trm which ended at already 09.12 UTC the OP discovered that one part of the dipole antenna was disconnected to the coax feeder. And that explains the less stronger signal. On 11490 a fine,clear signal was picked up. A week later, Sun Dec. 23rd, RECH tested to the USA on 6315 & 11490 kHz. This broadcast took place between 03.00- 05.00 UTC and can't be.....

.....found in the loggings elsewhere in this SW column. But the remarkable thing is that only 1 USA letter was received for this test while 7 letters were reaching the mailbox for the 16th Dec. broadcast taking place at a much later part of the day.... It's even more strange to know that most mail related to the 6295 frequency. As earlier mentioned: the antenna wasn't working properly and that makes things extra exceptional. Sister-station **VOICE OF THE NETHERLANDS** was heard with a 3 hour special X-Mas broadcast on Dec. 25th. A magnificent signal was received on 7489 and power was believed to be more than 200 watts ! As far as US reception is concerned we can reveal that the VOTN & RECH are well-matched. Also the VOTN was received in North America (in the 48 mb). Address: P.O.Box 669, 7900 AR Hoozevee, The Neth.

FREESOUND RADIO called it a day on Sun December 30th. The final pxs were radiated across Europe on 6199 kHz with an excellent reception in the UK but only poor/fair reception on the continent. Freesound Radio was a station which was mainly aimed at British DX-ers, at least this idea has arisen in the years the station was active in SW. Address: (3).

The **VOICE OF LOVE** remains a mystery station. A few months ago the station was very active and then slipped out of the picture. Sun January 27th the station returned to the airwaves with the same type of programming on the same frequency as in the past. In brief: the kind of music Caroline plays (or better: played..) including L.A. on 6203 kHz. Both the U.K. and on the continent the signal-strength was impressive. Neither any announcements/ ID's nor an address was being heard. There are still people who believe that these mysterious broadcasts are coming from the MV Ross Revenge. In our eyes this seems to be a bit far-fetched but as we do not have a better explanation we cannot simply put this idea aside! If there's anyone who's able to solve this mystery please let us know.... If it's a hoax from a landbased SW pirate, it's a well-kept secret. And: it's a very powerful transmitter.

The **PIRATE FREAKS BROADCASTING COMPANY** celebrated 5 years of SW broadcasts on Sun December 23rd with a special programme on 6285. A very good signal was heard in W-Europe. The celebration was originally planned to take place a few months earlier but certain circumstances were preventing Pirate Andy from doing so. Over the X-Mas period PFBS was very active. Daytime and nighttime trms were picked up on December 24th, 25th & 26th. Also a 19 mb tx was put on the air to increase the chance of being received in the USA. The 19 mb trms were carried out on 15050 kHz and not without success: PFBS was indeed received across the Atlantic. Address remains (2).

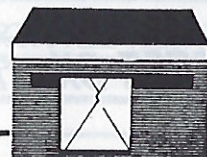
It's nice to know that several readers are really participating in this very column. We got a little item about a Russian pirate which was published in 'Clandestine Calling' in Dec. 1990: " The pirate station Radio Byelomorkanal (White Sea Channel) has been heard with excellent signal in Northern Moscow for almost 5 years. Here are some recent observations of this station: 1706 kHz at 21.51 UTC, 1711.5 kHz at 16.24 UTC, 1715 kHz at 21.11 UTC, 1722.5 kHz at 21.05 kHz, 1723.9 kHz at 00.28 UTC, 1730 kHz at 21.03 kHz, 3406 kHz at 22.48 UTC, 3407 kHz at 22.03 3420.5 kHz at 21.13 UTC and 3457.9 kHz at 23.05 s.w. news

(the 3 MHz channels seem to be harmonics!). Another Soviet pirate Radio Cardinal was heard at 21.40 UTC on 1616 kHz with a tx power between 200- 500 watts. The frequency of 1607 kHz is announced (despite drifting 10 kHz up & down the band). The address is: P.O.Box 15, Serpvhov, Moscow Region 142203, USSR." Sorry no dates were mentioned.

And now to the subject of EURO PIRATES BEING RECEIVED IN NORTH AMERICA in the past months:

Jolly Roger Radio	6229	01-12-90	21.46- 21.50	232
	6229	16-12-90	08.48- 08.58	---
	6229	24-12-90	19.54- 19.59	141
	6229	25-12-90	08.56	---
Radio Galaxy	6240	01-12-90	21.13- 21.57	222
	6240	02-12-90	00.05- 00.30	232
	6240	2/3-12-90	23.42- 02.31	242
Radio Orang Utan	6206	02-12-90	08.40- 09.12	---
	6206	23-12-90	08.33- 08.54	222
PFBS Radio	6315	08-12-90	04.15- 04.21	242
	15050	25-12-90	13.22- 15.08+	222
	6283	25-12-90	03.25- 04.31	333 !
	6285	26-12-90	04.18- 04.48	333 !
East Coast Holland	6295	26-12-90	05.54- 05.58	333 !
	11490	16-12-90	08.28- 09.07	0=2/3
	6295	16-12-90	08.03- 08.24	0=1
	6315	23-12-90	03.00- 04.01	0=1/2
Radio Stella	11490	23-12-90	03.00- 04.01	0=1
	6320	08-12-90	05.45- 05.52	---
	6320	20-01-01	08.50	151
Live Wire Radio	6320	27-1-90	05.00- 06.00+	---
	6221	15-12-90	03.37- 04.10	211
	6276	26-12-90	05.40- 06.59	222
	6277	26-12-90	06.55- 08.00	322
	6291	30-12-90	03.37- 03.46	232
	6291	30-12-90	08.02- 08.47	243 !
Weekend Music Radio	6317	01-01-91	02.24- 02.37	131
	6240	26-12-90	04.56- 06.26	333 !
	15043	26-12-90	12.30- 12.45	---
Radio Atlantic	6556	09-12-90	00.47- 00.49	241
Voice of The Neth.	6239	16-12-90	00.35- 00.46	242
Voice of Love	6203	29-12-90	00.21- 00.41	343
Wonderful Free R.L.	6316	31-12-90	19.55- 01.19	222
NISWRS	6273	01-01-90	02.40- 09.27	232
Midlands Music Radio	6220	23-12-90	08.03- 08.41	---
Radio Waves Int.	11401	30-12-90	08.59	---

Apart from this listing of identified stations there's also a list of UNidentified ones. 6207 25-12-90 09.02- 09.08--this could be Radio Action or Arena. 6276 30-12-90 08.08- 08.12--could be Delta Radio from Elburg in The Netherlands. 7558 25-12-90 04.30+ --must be X-Mas Radio !! Other unids were noted on 6205 (23-12-90**09.10 UTC), 6236 (16-12-90**02.23), 6275 (15-12-90**20.02), 6280 (30-12-90**07.26), 6300 (15-12-90** 19.20 & (31-12-90**21.56).



Welcome in the renewed letter corner! A new title and a new logo. Didn't change much compared to the old one, but nevertheless. This month's column devoted to the hundred+ letters we received for our 10th Birthday transmission. The response was overwhelming, and we're very grateful for that! Most of you heard us on at least two of our five (!) frequencies and overall reception was at least good. But, notwithstanding our happiness over so much letters some critical remarks have to be made. So before we go any further here are some notes on the subject of reception reports and QSL-cards.

There are still people amongst our listeners who think that our magic forest includes a money growing tree! How much we would like this to be true, but it isn't. Bear in mind that we are all hobbyists, which mean that we have to pay for all our outgoing post. So if you want to receive a QSL-card, include at least 1 IRC in your reception report. And if you want to receive for instance an information sheet or maybe even a sample copy of 'FRS Goes DX', you'll have to include more IRC's, otherwise we will not be able to send you the requested info! It is as simple as that.

Another thing that causes us concern is the quality of some reception reports. To give you an example: 'I heard your 10th birthday transmission today. Reception was excellent here in I enjoyed the show very much. Would you please send me your special QSL-card'. Well, as you may guess, this listener doesn't receive this QSL-card, because his reception report is totally insufficient. There are some simple rules regarding reception reports:

1. Include date and time of reception.
2. Provide some programme details, proving you actually received us. These details have to cover a period of at least 15 minutes.
3. Include at least a SIO note, SIO standing for signal Strength, Interference and Overall merit. Because such a SIO note is somewhat arbitrary it is also necessary to include the make of your receiver.
4. Not necessary, but we like it: include some personal details.
5. Include at least 1 IRC.
6. Write clearly, (you would be surprised if you saw what kind of handwriting some people have), or even better: type out your report.

And if you don't want to jot down all those details: why not send us the best possible reception report: an off-air tape recording?

But now over to the letters, because that's what this column is all about.

'I write you because of your Jubilee transmission. I am 22 years old and an employee at the municipality. I'm in the shortwave hobby now for about four years, but with a large interruption, because my first SW-receiver, a Sony IVE 7600 D, had been stolen during a holiday trip. But now I bought a better one: a Sony ICF 2001 D with the active antenna AN-1. Some words about your programme: I would be grateful if you would announce the frequencies in your DX-programme more slowly or repeat them so I can write them down. The musical choice was really good. However what bothered me was the sometimes overmodulated signal.' - Dietmar Küner, Werne, FRG.

'First I like to send you all the best wishes and congratulations to the 10th anniversary! I enjoyed listening to your professional and amusing programme. I was listening to your show for 3 hours!.' - Thorsten Brandenburg, München, FRG.

'It is my hobby to listen to far away shortwave stations, and I was very proud to receive you. I'm interested in radio dx for 8 years now. I am 24 years of age and work in a shop here in Aachen.' - Ulrich Berens, Aachen, FRG.

'I heard the FRS+Birthday-Party on 7.490 kHz. The signal strength was overall good. Contrary to other Free Radio's your programme is rather professional. The music is to my taste and the informations about the Pirate scene are rather up to date. Please go on like this for the next 10 years.' - Jürgen Häring, Arzberg, FRG.

'I heard your transmission today for the first time, and that for your 10th birthday. Mant happy returns and continue your easy going programmes. I like the style very much. I have been tasting the 'Free Radio Scene' only for a short while, but even so I am able to distinguish the different programming styles.' - Engelbert Borkner, Hildesheim, FRG.

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'The programm was, as always, good. I listen to FRSH more or less regular since 2 years. I have to say that I'm too lazy to write reception reports every time I hear your station. But on this special day I send you one. I am 21 years old. I live in Schwerte. That's a town near by the big city Dortmund in (West-)Germany. My hobbies are DXing and football. I am interested in shortwave since 8 years and in Free Radio since 3 years.' - Andreas Eilts, Schwerte, FRG.

'Hi dear folks of FRSH and congratulations for 10 years of free radio operations! My name is Harald Kuhl. I'm 27 years of age and I'm living in a small town called Lübbecke, which is located about 90 kilometers west of Hannover and about 85 kilometers south of Bremen in the northern part of the Federal Republic of Germany. Today I've been listening to one of your programs. My receiver is a modified Japanese communications receiver ESKAB NRD-525 and the antenna is a wire of about 30 meters long, about 10 meters above ground. Listening to radiostations on short- and mediumwave is my hobby since 1980 and for me it's still very fascinating. I logged my first Free Radio station in 1981 and I've been very active in listening to the Pirates till 1983. Then I've lost interest in Free Radio DXing. Late last year I found my interest in the Pirates again and now I'm scanning the Free Radio-bands almost every weekend. And I'm surprised how good the technical quality and program contents are. Your station was one of the first free radio stations I've heard back in 1981.'

'I must admit that I am not a regular listener to you station, although you were one of the first FR-stations I heard. Nice that you have been able to maintain yourself for 10 years. I wish you another 10 years of successful broadcasting on shortwave. I have one wish: it is nice to read listeners letters over the radio, but when this takes one hour ... Please don't do what is 'normal' at other stations.' - Markus Thews, Everswinkel, FRG.

'At first congratulations for your 10th anniversary. I can well remember your first broadcasts. 1981 I heard you for the first time, at that time Chris was doing the German program. I still like your programmes.' - Gerwin Schütte, Berlin, FRG.

'It was really a coincidence that I heard one of your broadcasts last Sunday. I'm still without DX-literature, so I don't know if the address I heard is 100% ok. You should know that I am inactive in this hobby now for over 15 years, since the "Stasi" rambled my shack and took my QSL-collection away. You are the first station I write to since a long time.' - Jürgen Skupsh, Bernburg, FRG.

'Congratulations, your program was super! Ofcourse there were other stations active on this day. But these stations hardly give any information. Your program is different. FRSH is one of the best FR-stations in my opinion.' - André Neumann, Neustadt, FRG.

'Concerning your broadcast and the conditions things could have been wonderful. On the 48 meterband however I suffer from severe disturbances. I have not been able to locate the origin of these interferences yet. They are probably of local nature. I live in a small apartment and it may be other occupants in the building causing interference by television or other electronic apparatus. Also I don't know exactly the influence of the trolley-busses. It was the second time I heard a broadcast of your station. The first time is already 3 years ago. In the period in between I wasn't able to listen due to personal circumstances. Just like 3 years ago I enjoyed your program. The musical choice was very varied. Also I thought the presentation professional and very cosy.' - Hans Hoentjen, Arnhem, Netherlands.

'I am 14 years of age and heard your program for the first time. I must say, your program is really super, especially the information about privat stations on short wave. Maybe you will broadcast again soon, then when more power, so that your program is better to receive.' - Lutz-René Juszczak, Salzkotten, FRG.

'I liked the program, as always (hi), very much. Specially I liked the recording of R. Jackie.' - Karl-Heinz Huppertz, Hückelhoven, FRG.

'Sadly enough I don't have much time to listen to your program. We have visitors and they don't like Free Radio!' - Rainer Schütte, Berlin, FRG.

'Many congratulations on your 10th birthday. I wish you all the best

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and a lot of success for the future. I have been listening to the FRSH since 1982. Although there is a family with 2 boys I got your programme several times.' - Brigitte Wolff, Hemer, FRG.

'I enjoyed it very much to receive your program for the first time in very good quality. Program and presentation were super!' - Rolf Lutz, Reutlingen, FRG.

'Though you already celebrated your 10th birthday, I am a first time listener - I must confess. But I started scanning the 'Pirate-bands' just two months ago. Your Birthday program was very interesting, amusing and entertaining. The music was ok. Best wishes for the next decade! And thanks a lot!' - Roland Dietrich, Koblenz, FRG.

'After more than one year in which I didn't write any letters to FRSH now again one from me. Thanks for the QSL and the other things you sent me for my February '89 report. In the meantime I've continued listening to Free Radio and, of course, also to FRSH. Nearly all transmissions came in in good quality. IK, some info on myself (I think I've never written any info on that in my previous letters): I'm 17 years old and I attend school here in Fallersleben, a small town with a population of 13,000. Fallersleben is 25 km north-west of Braunschweig (surely you'll find it on a map in the northern part of Germany). My other hobbies are swimming, taking photos and listening to legal SW and MW stations. The FRSH-programming was as usual just splendid. "FRS Goes DX" is the only real Free Radio News programme which can be heard in good quality at my location, so I'm always looking forward to it. The birthday party with the spoken greetings by other stations/listeners was extremely interesting and entertaining. But also the other programmes weren't bad at all!' - Stefan Schulze, FRG.

'Congratulations to your 10th birthday. I enjoyed to listen to your programme very much, especially the FRS-Goes-DX-magazine was very interesting and informative. The report about Radio Caroline was well researched and very detailed. I hope to hear from you further FRS-Goes-DX-programmes, maybe with a more extended shortwave news section. The 45 minutes were extremely worth while listening. Also I enjoyed to listen to your pop-music programme. Usually I enjoy to listen to rap-, funk- and soul-music, but I also like to listen to oldies and international pop-music. I am looking forward to your documentary programme.' - Achim Brückner, Detmold, FRG.

'At first congratulations to your 10th birthday! I don't have a QSL-card from 1980 but I am a listener to your nice broadcasts since 1980. I can still remember the first transmissions. At the beginning you had a cooperation with EMR. I think I still have a recording.' - Michael Müller, Wiesbaden, FRG.

'Quite a long time since I last wrote you, sorry again, but time has been rather tight for me. Well, congratulations for 10 years of FRS-Holland, what is there to say that as far as I can say all has been worth the effort. I've probably told you before that FRSH was my very first pirate station back in May 1982, so you may imagine that the station through the years has always been more to me than "one of them all", even though my interest in the free radio scene has certainly decreased lately. I remember in the broadcast a question was raised whether the old or the new FRSH jingles were better. Well, I prefer the old ones with the voices of Joop ter Zee and Bert van Leer among others. The new U.S. voice over jingles aren't bad at all, but I feel they don't really fit in the rest of FRSH. I mean one of the things which are essential to a free radio station are jingles that actually belong to a particular station thanks to their certain "feel" or "sound". The U.S. voice overs could be heard on hundreds of U.S. commercial stations and the fact that no other free radio station uses jingles of that sort is probably that they are considered too expensive! Perhaps it's just a matter of getting accustomed to the new jingles, but I wouldn't change the stations sound which is very much created by jingles drastically, in other words, continue with the old stuff and slowly introduce the new.' - Björn Quäck, Dortmund, FRG.

'After some months you didn't hear a lot of me, but I'm still alive ofcourse. Alive like the FRS Holland. I have to say that I enjoyed very much your birthday show and I followed it nearly from the beginning till the end.' - Jörg Oeynhausen, Maimkammer, FRG.

'First I will wish you all the best for the next years! Your birthday-show was really super, specially the reception. On almost all frequencies reception was good. A QSL of your first reception is not in my posses-

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sion, since I first heard you in December 1980. I heard you almost always in these years. Then FRSH, specially the DX-program, just belonged to it when one was to be informed about the FR scene.' - Manfred Bredow, Hartmannsdorf, FRG.

'My name is Björn Anders and I am 14 years of age. Today I heard you for the first time and I liked your program right from the beginning.' - Klitzschen, FRG.

'I heard you with your "Sonder Programm". Happy birthday and all the best for the next 10 years. Hope luck will be with you and that the post doesn't show too much interest in you! I never listened to the FRSH for such a long time. My first QSL is dated 17.11.85, up till now I have 3 QSL-cards. I would like to thank you for your excellent Listeners Service. For a former 'GDR' listener FRSH was the only station that answered GDR-letters, although we were not able to include IRC's or US dollars! I still like your programmes, specially the DX program.' - Frank Steinert, Ochsenaal, FRG.

'Your birthday program was really superb. Hope you go on this way the next 10 years! By the way, my first FRS QSL dates from 23.11.80. So I'm listening to FRS for nearly 10 years now. Also some kind of birthday!' - Josef Köppl, Viechtach, FRG.

'I am writing to you to report reception of the tenth anniversary of the "Free Radio Service". I am thirty five years old and have been a keen radio listener for over twenty years now.' - John Thompson, Rainham, England.

'I am since long a FRSH-listener, however I don't write that very much. As always your station is a beauty. May I congratulate FRSH with it's 10th birthday.' - Herman Boel, Aalst, Belgium.

'Happy birthday! I was very pleased to hear your tenth anniversary broadcast. I enjoyed your programs very much, found the DX news of value, and the talks with FRS Holland veterans quite interesting.' - Stephen Druzak, Wezembeek-Oppeem, Belgium.

'Got you on all 4 frequencies at the same time! Got me dancing round the garden!!! Even lights up 5 red lights on my Sangean ATS-803A and that's saying a lot. Congratulations. Really pleased to hear you again on the 48 mb. Love the offshore flavour (can almost smell the seaweed + diesel oil). Nice Radio Jackie extract, nice American voice overs!' - Stuart Allan, Halifax, England.

'Congratulations on your ten years of great programming, I'm pleased to say that during the years I have not missed many of your transmissions. You mentioned about QSL's from August 1980, but I missed your first transmission, my first QSL from you is dated September 28th 1980. During the past ten years a great many landbased stations have come and gone, but FRSH continues to go from strength to strength, so here's to the next ten years.' - Allen Dean, Padiham, England.

'It was with great pleasure that I tuned into your station today. The last 'free' radio station that I had listened to was Radio Krypton in 1982! I now realise what I have been missing in those 'lost' years. I wish you all success in the future and hope your station will be heard for years to come.' - T. Vaughan, Southampton, England.

'Overall an excellent program. Very well produced and no boring moments. Content balance just right. Can't stress enough how much I appreciated all the lowdown on Radio Caroline's recent and current 'history'. Plenty good music also. Luckily reception was very good too. Very little unreadable detail I think. Good choice of frequency channel. Full marks. Here's to your next ten years !!!' - Albert E. Ford, Plymstock, England.

'Do you know, my English is very bad, also the reception is very poor in my area. Well, I was expecting for the celebration of birthday. But only one program was heard.' - Silveri Gomez, Fraga, Spain.

'I am 15 years old, studying at the 'Höhere Technische Bundeslehranstalt, Zweig Nachrichtentechnik' in Klagenfurt (Austria) and am interested very much in pirate radio. Sadly enough I wasn't able to receive your station up till now, because Klagenfurt is in the centre of the East-Alps.

where reception is very difficult. How manages a pirate station to be able to exist for 10 years? In Austria the ORF (Österreichischer Rundfunk) still has a monopoly.' - Jürgen Eixelsbergen, Klagenfurt, Austria.

'Congratulations on reaching your 10th Birthday and also for an excellent commemorative Birthday Broadcast. I managed to listen to most of your broadcast and found it thoroughly entertaining & informative, especially the excellent selection of tracks from the 60s, 70s and 80s and the detailed Offshore & SW News. I first came across your station in February '89, so I'm a relatively new listener, but in that short time I have been impressed by FRSH's "professional sound" and by the good mix of music and Free Radio News in your broadcasts. I look forward to the next 10 years of FRSH.' - Calum MacLeod, Isle of Lewis, Scotland.

Well, this certainly has been the longest Mailbox ever! No wonder since we received more than hundred letters for this Jubilee broadcast alone. And what's more: most of these letters were of good quality (just like our signal!). But seriously: these are the kind of letters that stimulate us to continue providing you with the interesting blend of FRSH programmes: it tastes different, just a bit different! So: keep those cards and letters coming ...

Gerd

CAROLINE LATEST NEWS

The last Saturday of February an offshore meeting was held in Haarlem. The meeting was organised by the Dutch mediamagazine Freewave in co-operation with SMC. It was remarkable how many offshore enthusiasts visited this meeting. Even a number of German radio enthusiasts went to Haarlem. One of the special guests was Hans Knot who had an interview with Caroline engineer Peter Chicago. Peter said that a number of repairs had taken place on the ship. The batteries to start up the generators are o.k.. All generators are fully operational. A crew of approx. 5 persons is currently on the ship and it is- according to Chicago- no problem at all to recommence broadcasts. About the possibility of obtaining a licence to continue as a fully legal landbased station, Chicago said that for every licence to be issued there are several interested parties. As most of those parties have a better financial backing than the Caroline organisation, the chances of getting such a licence are very small. He said caroline is negotiating with a few countries to fly the flag of such a country on the Ross Revenge. They seem to make progress but definitive developments haven't taken place up till now (= the end of February). Nevertheless Chicago thought there's a fair chance caroline will return from the high seas. Another option- a satellite delivered station- had been discussed but this idea also is unfeasible due to lack of money. As already reported in 'FRS Goes DX' Herbert Visser had talks with the Caroline about the idea of 'Caroline going satellite'. Part of the interview was devoted to the raid on the Ross Revenge in 1989. Chicago said that at a certain moment the crew of the Volans went back to their ship for a meal. They said they would return to the Ross in one hour to continue dismantling the technical equipment. What they meant to say to the Caroline people was: you have one hour to hide as much tx parts as you can. And that's the reason Caroline was already back in October 1989, less than 2 months after the raid, with transmissions.

It's quite interesting to make a survey of all the reception reports which were received by FRS-Holland on account of the station's 10th Birthday. As all of you know by now, the special celebration broadcast took place on Sunday October 21st between 09.55- 14.30 CET. Frequencies were 6275, 7290, 6290, 7490 & 9985. In addition 6245 was used between 09.25- 10.03 CET (replaced by 6275) and 7310 between 09.25- 10.19 CET (replaced by 7290 kHz). Reports reached us from all corners of Europe, from Norway to Italy and Scotland to Germany. All in all a total of no less than 13 countries ! We learnt, reading the reception reports, that all main frequencies (6275, 6290 & 7490) were doing very well. Best frequency, according to most people who wrote in, was 7490 kHz. It was really amazing to read some of the sinpo-codes.....the next listing will explain the rest....!

NO.	QTH	COUNTRY	TIME	FREQ.	SINPO
1.	Wiesbaden	Germany	09.45	6275	44554
2.	Aalen-Dewangen	Germany	09.45	7490	34433
3.	Hartmannsdorf	Germany	10.00	7490	45444
4.	Detmold	Germany	08.53	6245	43443
5.	Detmold	Germany	09.46	6275	45444
6.	Detmold	Germany	10.15	6290	25343
7.	Detmold	Germany	10.50	7490	44444
8.	Detmold	Germany	11.20	7290	35444
9.	Langenselbold	Germany	09.30	7490	54455
10.	Berlin	Germany	11.10	7490	34333
11.	Riesa	Germany	09.38	7490	44433
12.	Riesa	Germany	09.08	6275	33443
13.	Riesa	Germany	10.25	7290	44344
14.	Höfer	Germany	08.38	7310	34333
15.	Höfer	Germany	08.48	6245	44444
16.	Höfer	Germany	09.44	6290	33333
17.	Höfer	Germany	09.16	7490	44444
18.	Höfer	Germany	10.46	6275	44444
19.	Höfer	Germany	11.54	7290	33333
20.	Leonberg	Germany	10.00	7490	44444
21.	Leonberg	Germany	09.02	6275	24432
22.	Leonberg	Germany	08.30	7310	24333
23.	Leonberg	Germany	09.20	7290	32433
24.	Leonberg	Germany	12.13	9985	24422
25.	Hückelhoven	Germany	09.30	6290	34333
26.	Grünkraut	Germany	10.20	7490	44444
27.	Grünkraut	Germany	10.35	6275	33433
28.	Maikammer	Germany	09.30	7490	54544
29.	Maikammer	Germany	10.05	6275	43443
30.	Dortmund	Germany	09.09	6275	44444
31.	Dortmund	Germany	09.15	6290	34444
32.	Dortmund	Germany	09.20	7290	25333
33.	Dortmund	Germany	09.30	7490	45444
34.	Neustadt	Germany	09.41	7490	44444
35.	Leverkusen	Germany	11.32	7490	54433
36.	Dresden	Germany	09.20	6275	32233
37.	Dresden	Germany	10.05	7290	43333
38.	Dresden	Germany	11.01	7490	54444
39.	Klitzschen	Germany	09.50	6275	44334

40.	Mühlheim	Germany	09.15	7490	44444
41.	Mühlheim	Germany	10.30	7290	35333
42.	Zeitz	Germany	09.56	7490	44444
43.	Viersen	Germany	08.38	7310	33233
44.	Viersen	Germany	08.33	6245	42333
45.	Viersen	Germany	09.08	6275	44444
46.	Viersen	Germany	09.11	7490	44444
47.	Viersen	Germany	08.55	6290	44434
48.	Viechtach	Germany	08.59	7310	34433
49.	Viechtach	Germany	09.12	7490	44444
50.	Viechtach	Germany	10.52	7290	33433
51.	Viechtach	Germany	11.39	6275	23422
52.	Ochsensaal	Germany	09.26	7490	44444
53.	Ochsensaal	Germany	-----	6290	0=3
54.	Ochsensaal	Germany	-----	7290	0=3
55.	Ochsensaal	Germany	-----	6275	0=3
56.	Neuenrade	Germany	10.53	6275	45544
57.	Ahlhorn	Germany	10.46	6290	34 3
58.	Leipzig	Germany	13.00	7490	44444
59.	Elstertrebnitz	Germany	09.20	7290	33333
60.	Elstertrebnitz	Germany	12.12	7490	33333
61.	Kiel	Germany	-----	7490	0=4
62.	Fallersleben	Germany	11.02	6275	44444
63.	Fallersleben	Germany	09.00	7490	44444
64.	Fallersleben	Germany	09.30	7290	34333
65.	Fallersleben	Germany	12.00	6290	24433
66.	Koblenz	Germany	12.40	7490	25443
67.	Duisburg	Germany	10.39	6275	33333
68.	Duisburg	Germany	11.51	7490	55444
69.	Reutlingen	Germany	10.00	6275	35544
70.	Hemer	Germany	13.10	7490	33433
71.	Neugattersleben	Germany	09.50	7490	44444
72.	Neugattersleben	Germany	-----	7310	0=4
73.	Neugattersleben	Germany	-----	6275	0=2
74.	Neugattersleben	Germany	-----	7290	0=3
75.	Berlin	Germany	09.30	6275	35343
76.	Berlin	Germany	10.00	7490	34333
77.	Berlin	Germany	11.00	7290	35433
78.	Bernburg	Germany	11.15	7490	43444
79.	Berlin	Germany	11.05	7290	23422
80.	Berlin	Germany	09.20	6275	34433
81.	Berlin	Germany	10.00	7490	33443
82.	Everswinkel	Germany	10.20	6275	35543
83.	Lübbecke	Germany	09.30	6275	44444
84.	Lübbecke	Germany	10.30	7490	44444
85.	Schwerte	Germany	10.00	7490	44444
86.	Hildesheim	Germany	09.09	6275	45333
87.	Arzberg	Germany	10.55	7490	33443
88.	Aachen	Germany	09.49	7290	22222
89.	München/Munich	Germany	09.00	7490	45444
90.	Munich	Germany	10.00	6275	12322

«FRS GOES DX» THE MAGAZINE FOR FREE RADIO ENTHUSIASTS

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91.	Munich	Germany	11.00	7290	24333
92.	Werne	Germany	11.25	7490	44344
93.	Leeuwarden	Holland	09.55	7490	45444
94.	Arnhem	Holland	11.50	6275	44243
95.	Maasbree	Holland	09.58	7490	55555
96.	Maasbree	Holland	10.07	6275	55454
97.	Maasbree	Holland	10.45	6290	45454
98.	Nieuwleusen	Holland	-----	6275	33443
99.	Nieuwleusen	Holland	-----	6290	34444
100.	Nieuwleusen	Holland	-----	7290	34443
101.	Nieuwleusen	Holland	-----	7490	55545
102.	Wezembeek-Oppem	Belgium	11.12	6290	45444
103.	Wezembeek-Oppem	Belgium	11.50	6275	55444
104.	Aalst	Belgium	10.00	6275	44444
105.	Aalst	Belgium	10.10	6290	34434
106.	Aalst	Belgium	10.40	7490	44433
107.	Houtvenne	Belgium	09.35	6290	44444
108.	Houtvenne	Belgium	09.40	7490	54444
109.	Sheffield	England	13.32	6275	34443
110.	Sheffield	England	13.25	6290	44444
111.	Chesterfield	England	11.30	6290	43433
112.	Chesterfield	England	12.55	6275	33333
113.	Chesterfield	England	13.45	7490	44444
114.	Birkenhead	England	09.15	7490	55544
115.	Birkenhead	England	10.00	6290	45444
116.	Birkenhead	England	10.45	7290	35333
117.	Birkenhead	England	12.30	6275	35333
118.	Stone	England	10.00	6290	55555
119.	Stone	England	11.00	6275	44444
120.	Southampton	England	09.09	6290	0=4
121.	Southampton	England	09.19	6275	0=4
122.	Halifax	England	10.00	6290	55555
123.	Plymstock	England	09.50	6290	34444
124.	Burnley	England	10.00	7490	45444
125.	Blackburn	England	10.30	6290	34333
126.	Gillingham	England	10.35	7490	34433
127.	Letchworth	England	-----	6275	34444
128.	Letchworth	England	-----	6290	43433
129.	Mitcheldean	England	09.55	6290	33333
130.	Newcastle upon Tyne	England	10.00	6290	33333
131.	Newcastle upon Tyne	England	11.13	7490	53444
132.	Halesowen	England	08.54	6290	55555
133.	Halesowen	England	08.55	6245	33443
134.	Halesowen	England	08.56	7490	55555
135.	Halesowen	England	09.09	6275	45554
136.	Southampton	England	10.55	6290	43333
137.	Guernsey	England	10.14	6290	45534
138.	Ballybrack	Ireland	10.48	6290	44444
139.	Edzell	Scotland	09.12	6290	0=3/4
140.	Isle of Lewis	Scotland	09.10	6290	34434
141.	Isle of Lewis	Scotland	10.00	7490	34333
142.	Isle of Lewis	Scotland	10.25	7290	23143

143.	Isle of Lewis	Scotland	11.01	6275	22333
144.	Jeandelize	France	12.49	7490	45544
145.	Jeandelize	France	10.03	6275	44343
146.	Jeandelize	France	09.20	6290	25343
147.	Jeandelize	France	10.20	7290	35433
148.	Nantes	France	09.03	7490	34332
149.	Nantes	France	08.45	6290	24331
150.	Nantes	France	08.57	9985	22331
151.	Luc sur Mer	France	08.28	6245	32332
152.	Luc sur Mer	France	09.20	6275	43444
153.	Luc sur Mer	France	08.40	7310	31231
154.	Luc sur Mer	France	09.10	7290	34333
155.	Luc sur Mer	France	13.00	7490	55545
156.	Auxerre	France	09.58	7490	45444
157.	Auxerre	France	11.07	6290	23332
158.	Merville	France	09.09	7490	42244
159.	Nerondes	France	08.47	6245	23442
160.	Nerondes	France	09.39	6290	25542
161.	Nerondes	France	09.18	6275	25543
162.	Nerondes	France	10.50	7490	25542
163.	St. Sulpice D'Arnoult	France	08.58	6290	34433
164.	St. Sulpice D'Arnoult	France	09.10	6275	34333
165.	St. Sulpice D'Arnoult	France	10.00	7490	44444
166.	St. Sulpice D'Arnoult	France	10.10	7290	24222
167.	Braunau	Austria	12.45	6275	24432
168.	Traisen	Austria	08.52	7310	23332
169.	Traisen	Austria	09.10	7490	44333
170.	Traisen	Austria	11.22	7290	24332
171.	Niederglatt	Switzerland	11.21	7490	45444
172.	Pont Canavese	Italy	10.41	7490	44343
173.	Fraga	Spain	10.00	7490	24432
174.	Frostrup	Denmark	09.46	7490	0=4
175.	Visby	Sweden	08.54	6290	44444
174.	Visby	Sweden	09.09	6275	44334
175.	Visby	Sweden	10.28	7290	25433
176.	Visby	Sweden	13.15	7490	44444

Just before going to the printer, we received an info-sheet from **RADIO MARABU** with a list containing the dates of the upcoming trms (March & April 1991). As there are also a few planned trms on higher frequencies, it's interesting to give it a try !

March 16th 22.00- 00.00 UTC on 6312 kHz.
 March 17th 12.00- 14.00 UTC on 11390 kHz.
 March 24th 05.30- 07.30 UTC on 6273 kHz (via NISWRS ?).
 March 31st 12.00- 14.00 UTC on 13390 kHz.
 April 14th 11.00- 13.00 UTC on 7484 kHz/ 11401 kHz (via RWI).
 April 28th 05.30- 07.30 UTC on 6273 kHz.

Not included are those trms planned on March 9th & 10th simply because this issue reaches you too late to inform about those trms. Nevertheless it's interesting to mention that last Sat evening Marabu was to be heard on 6312 between 22.00- 00.00 UTC.

Address: (1).

THE BIG MARK STAFFORD INTERVIEW
- part 1 -

Recently we had an opportunity to talk with FRS49-dj Mark Stafford about his views on free radio and his involvement with free radio in the past and present. In this and coming issues we will publish this interesting piece of 'oral history'.

Q: Can you tell something about the cooperation between Atlanta and Mercury and maybe other stations?

S: Just to put the picture of what was going on at the time: in that part of the world, a few miles South of London, there were quite a few short-wave stations. It was a very strange time, because there were more short-wave stations there in a square mile than there were probably in the rest of the country. In 1990, I can also remember a classic occasion, when broadcasting from the same field, you had Atlanta Radio, and you also had ABC Radio and then further down the road you had the Voice of Britain, and then 10 miles away you also had Radio Zenith. So that field with ABC and Atlanta Radio would have been a good catch for the DTI! But as for cooperation: we had shared sites with the Voice of Britain at times. Terry St. John and Robert Roy of the Voice of Britain were there on quite a few occasions. John Dorsan, who was then working for Stuart Clark's Radio Mercury, doing programmes there and also working for Zodiac and 49, would come along to our broadcasts as well. And we also popped over at times to visit Crawley, the famous 13 The Chase address, to see the Zodiac lads, Marc Dishogany and Dave Hunt. So they gave us reception reports and we would give them reception reports and we would see what they were up to in their studio's. So really everybody was working together at that time. We were all sort of mates. There was a little batch in the South: you had Radio Cavendish, Radio Mercury, The Voice of Britain, Radio Zodiac (which later became Radio 49), and ofcourse there was BR as well. We had a lot of co-operation with Barry Stevens. When the transmitter was playing up, we got a lot of advice from him. Some of it we followed, some of it we didn't follow straight away but did afterwards. But we always respected Barries advice. And there was another station that wasn't broadcasting too far away from that little area, that was Europeab Music Radio. So we had quite a lot of cooperation and things seemed to go quite well.

Q: How did you get your first shortwave transmitter?

S: The first shortwave transmitter I got around the end of 1978. It was just a case of having a lot of contacts by that time and getting one of the standard 1807 transmitters that were so common at that time. Somebody put me in touch with the people who were putting together those transmitters and I got one!

Q: Most of the English shortwave stations came from the Southeast of England in the late 70's, early 80's. Were the stations helping each other, did they have a regular mutual contact and was there a jealousy between stations?

S: I think I already answered that one!

Q: What were your favourite stations in the 'old days': the 70's and the early 80's and what are your favourite ones at the present time and what makes them your favourite ones?

S: Difficult question, because you can't answer a question like that without upsetting somebody and making somebody happy. I'll try to answer it the best I can. When I go back to my early days as a radio listener I must admit that even after finding out about free radio, it took me about another year to find out about shortwave, because my first receiver didn't have a shortwave! One Sunday I was fiddling around with a cheap shortwave receiver and I connected it to a TV-antenna and the next thing I know I was picking up some things, like Radio Corsair and Radio Iris. And then the Free Radio Broadcasting Cooperation and they got a monster signal and I got hooked at that time. So, it's a very interesting point, because people mock big stations with powerful signals, but quite often those are the stations people listen to and decide that they can hear something and they go out and get a better radio! Which is what I did. I bought a better one, so I could listen to shortwave! In 1978 when I was really a keen listener because it was all new to me, I really did like BR. I know a lot of people say that, but A.J. Feirens on BR to me meant a lot, because it was like having offshore radio back again! 'Sunday Morning With A.J.' was one of the big things on BR not to be missed! The BR free radio spots I liked as well, because it was nice to hear about other stations and BR was ofcourse a very professional station. As to other stations I liked at that time I must admit that there was one thing about those stations, like Skyport Radio and Radio Corsair, in that they

were not just playing top 40 records like stations nowadays. So they were interesting to listen to, even when - listening to recordings of those days - they didn't sound too professional. Ofcourse it is possible that when you start listening to shortwave you're not as critical as later on! But BR was definitely a league above those. I quite liked Radio Impact, because T.W. of Radio Impact is a good friend of mine. They had nice programmes and they had an impact on people! It is hard really to think of other stations that stick to my mind. There were loads of stations at that time: some of them were good, some bad. The Free Radio Broadcasting Corporation I liked because it was one of the first stations I got into, and I think they were very professional at the time. By the time you get into the 80's I myself was quite involved and I knew a lot of the operators, so it is hard to say. I was involved with Radio Mercury and I thought it a nice little station and things like Radio Zodiac/49 I liked. I think that was a good station. And ABC Radio was an excellent station. So those are the early day stations I really liked.

As for the present day: I have to be very, very carefull to what I say about the present day ones! I don't want to upset anybody, so I like them all! But to be honest, the stations I like are the ones that do more than just playing music. I mean, we all have to play music at some time, but I see no reason to come on the air and just play music, or even worse: just play top 40 music. No, the stations I like best have to do varied programming, feature type programmes. FRS Holland I like, and I'm not just saying that because I work for it, but it is a good station. And Peter Verbruggen's 'FRS Goes DX' I would still say is the best DX programme apart from the Atlanta Radio 'Sound About'. I like the Norman Nelson's East Coast Commercial DX programme. I think he's really a must for listening. Britain Radio I think is a good station. They fit into my category of stations which put together varied programming. And Radio Apollo!

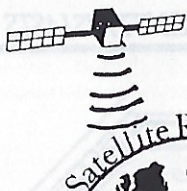
Something else springs to mind and it really covers both eras: probably a rare station these days, but whenever they are on I'll be listening and that is Radio Gemini. And the reason being that it was the first station, and probably the only one, that I ever won a competition on! I wrote to them in the early days as a listener and I've heard most of their broadcasts ever since. I always like a Gemini broadcast, probably because they really hooked me. And if there was ever a station I would like to find more often on Sundays it would be Radio Gemini.

(to be continued)

RADIO NEW YORK INT. intended to move to a new frequency for their weekly Monday morning broadcast. The move was planned for the last Monday of January and 7435 would be replacing 7520 kHz in the 41 mb. The latter frequency suffers from acute utility interference. However: nothing happened on Monday January 28th. WWCR, the station who's owning the 100 Kw transmitter and leasing airtime to the RNI organisation, planned to make the move early February and as a result RNI would be on 7435 Monday February 4th. But also on the 4th of February trms continued to take place on the 7520 spot on the dial. Reason: the new crystal for 7435 is not co-operating in loading up the WWCR 100 Kw tx, so plans to move to a new and more suitable frequency are postponed. The only thing which could be done was a slight move to 7525. Problem on 7520 is the utility station which can be heard underneath. It is really strange to know that it seems not possible to move a tx less than 100 kHz ??? The fact that RNI is hiring airtime on a legal FCC-approved station does certainly not mean that the pxs are like most other legal stations. RNI announces itself as free radio and say what they think. A few weeks ago they run a show called 'All you ever wanted to know about free radio'. Also interesting is a DX-Show called 'Crossband'. As the telephone line of the station is open during most part of the trm, several people are calling and makes listening also very interesting. RNI can also be received Sat nights at 22.30 UTC on 13630 via Radio for Peace in Costa Rica.

f.r.s. feature

Frs Feature



SKY RADIO

In issue no. 99/100 we published part 1 of an in-depth feature on the satellite music station Sky Radio. In this issue part 2 of the success story of digital computer radio.

COMPUTER BILL: CODES

Sky Radio offers the listening audience 2500 popsongs which are to be hits and scored very well in CD and album Top 50's. (Highly) educated people between 20- 40 spend their money on that kind of music. Beatles, Fleetwood Mac, Barbra Streisand, Whitney Houston but also The Doors. Preferably the easier hits because women like that type of music most. Once upon a time Ton Lathouwers took a seat behind the computer to choose the suitable Sky radio hits one by one and to qualify all of them. What is the mood of this record? Depressive (code 1)/medium (code 2)/cheerful (code 3). What is the tempo? Slow (code 1)/fast (code 5). For which age group is it meant? For 40+ people? (code 6). Is the record sung by a man (code yes) or a woman (code no). Is it a winter record (code W) or a summer one (code S)? Or is it a specific X-mas song (code CH)? How suitable is the song for Sky listeners (code 1- 4) and isn't it too easy for the morning hours between 7- 9 AM (code 0)? If it is a classic gold megahit, the song may be played above the average (code 9). Apart from all these codes, computer 'Bill' has to do several other things in the prescribed way. Data had to be programmed to make sure that for instance two sad songs in succession isn't possible. Two cheerful songs is allowed (thank you Bill!). Never two Beatles records within 100 minutes. Many records having Code S when the outdoor temperature is above 20 degrees Celcius. After a commercial a giant current hit. No more than three male singers behind each other, then it's time for a female voice. Yes, they have given the matter considerable thought.

Computer 'Bill' does the rest. Based on the above-mentioned guidelines, he makes daily playlists (officially called Adult Contemporary Format) which don't require too many changes. So it's 'Bill' selecting the music. According to one of the technical employees, compiling playlists is a devil of a job for a human being. By the way: 75% of Sky's music is from yesterday, the remaining 25% consists of current hits.

But the computer not only compiles the playlists. Bill also plays the music. The whole record library plus commercials is recorded on the digital track of video-tapes, usually containing pictures. I hear you say "and what about the audio-track"? The answer is simple and logical: this track contains the SMPTE-code enabling the computer to communicate with the two towers containing 12 digital video-recorders. A bit of extra treble is added before the music starts its 80,000 kilometres journey, mostly through the atmosphere, finally reaching the hifi sets of the listening audience. Rob Korver is responsible for the audio quality and makes use of his Inovonics Programmable Stereo Broadcast Audio Processor. Regularly he is receiving compliments of colleagues working for the national Hilversum radionetwork. "The sound quality of Sky Radio is perfect" adds Lathouwers. The signal coming from the Dutch Concordia studios in Bussum (the same studio-building where 'Countdown' is being recorded) is transmitted to London where it is being linked up to the satellite broadcasting it back to mother earth (The Netherlands, Belgium, Denmark, Norway, Ireland, Switzerland and parts of Italy).

NO PROBLEMS WITH AUTHORITIES

In contrast with for instance Cable One and Radio 10 (nowadays Radio 10 Gold), Sky Radio has never got any problems with the Dutch authorities because of its legal status. The majority of shares belongs to media-giant Murdoch and that means that, according to the Dutch law, Sky Radio is a foreign radiostation. Cable One was forced to close down, Radio 10 has had a lot of trouble with the so-called Commissioner's Office for Media having the power to decide whether a station may continue or not in case there are grounds to doubt about the status of a station. By

by the way: Radio 10 Gold has been involved in a long fight with the Dutch NOS (national umbrella broadcasting society) and is now definitely 100% legal, according to the Dutch law. The uncertainty which was a direct result meant that a lot of advertisers pulled out. Not the slightest obstacle has been put in Sky Radio's way in spite of Sky's unmistakable Dutch nature! Mr. Lathouwers: "the fact Sky Radio's seat is in Bussum cannot be used as an argu-



ment to ban us from the Dutch cable networks. And provided it would, we would immediately move to London."

NO NEWSSERVICE

Although the quality of the 'musical wallpaper' may be high, for the rest Sky has nothing to offer. In contrast with rival Radio 10 Gold Sky has no newsbroadcasts. Lathouwers who was involved in Veronica's Newsradio (on Radio 1) takes the view that because of the non-stop formula any talk must be avoided. "What's the use of hearing Dutch news in countries such as Ireland, Denmark or Norway" he adds. He even dares to claim that the average Sky listener isn't interested in the news, but already soon he realizes this is a very suggestive remark for somebody who professes to know his target group. Finally he admits there's simply not enough money for a newsservice. And that proves one thing: Sky Radio exists to make money and nothing else. Lathouwers thinks that 'Hilversum' (the Dutch national radiostations) must be happy that Sky is a foreign station and is not allowed to operate a landbased radiotransmitter. Otherwise the station would also be receivable on portable radios and on car radios. "In that case Radio 3 would be completely wiped out by us" according to Lathouwers who has plans to start up a second radiostation which could be specialized in either current hits, classic rock or even classical music.

frs feature